

1948 ANNUAL REPORT • HISTORIC CAMBRIDGE, MASS.

TODAY...
a modern government

Foreword

Honorable Council and Citizens of Cambridge:

With great pleasure I submit the seventh Annual Report of your City under the Council-Manager form of government. This report is divided into six major functions of government based on an organization chart which portrays a clear picture of our City services.

The highlights of 1948 show many improvements in our physical plant including a new outdoor swimming pool, many new totlots, improvement of Jerry's Pit and other recreation areas, over six miles of streets resurfaced, our municipal building improvement program and five-year street lighting program showing real signs of achievement. In addition we can boast a competent and well-paid personnel, and a financial structure that is altogether sound.

In 1941 the City was burdened by a debt of $11,599,500. In 1948 the City's bonded debt was $2,337,000, a reduction of over $9,000,000 and the seventh consecutive year that no additional long-term debt was incurred. Our $39.90 tax rate shows Cambridge the only City but one in the entire State with a 1948 tax rate lower than 1941. Tax collections were 96% complete by December.

Without the loyal cooperation of our almost 2,000 City employees these achievements would not have been possible. It is to these skilled workers that I extend my hearty congratulations for a job well done.

Very truly yours,

John B. Atkinson

John B. Atkinson
City Manager

SERVICES OF YOUR CITY GOVERNMENT

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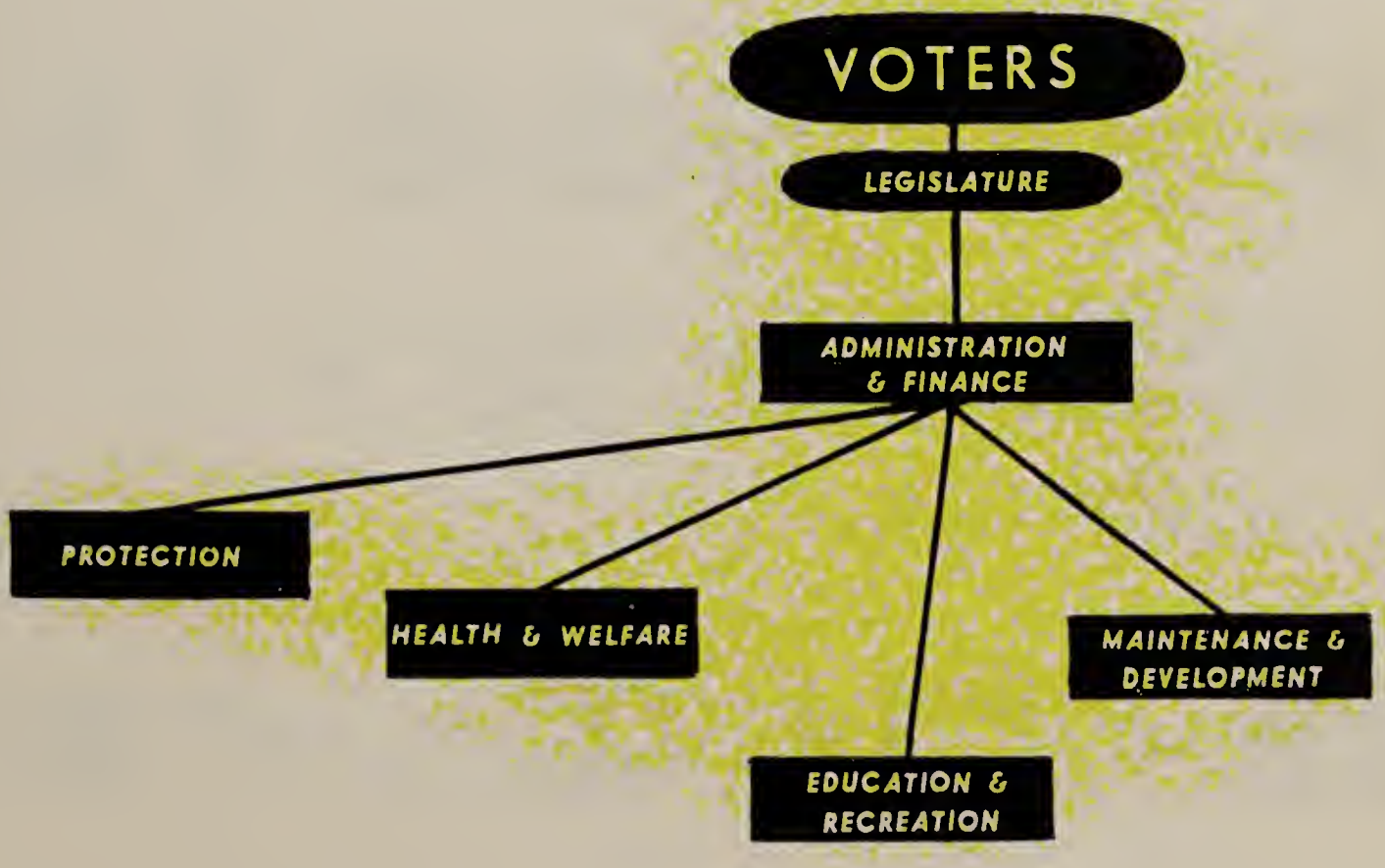
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This publication was prepared in the office of the Cambridge Planning Board from reports submitted by City department heads. Line drawings by Frederick J. Lund. Photographs by courtesy of the Boston Herald-Traveler Corporation, the Cambridge Chamber of Commerce, the Cambridge Chronicle Sun, Cambridge Housing Authority, Edward F. Carney, the Christian Science Publishing Society, Cheyne Aerial Survey, Kenneth J. Conant, Jr., A. Devaney, Inc., H. Armstrong Roberts, Arthur M. Howard, Arthur Mathison, and Carleton Patriquin.

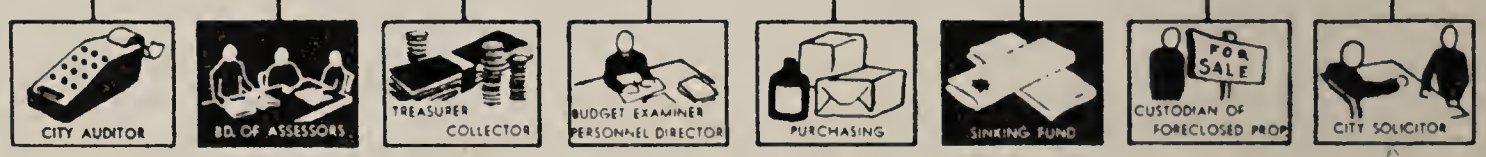


FUNCTIONS OF TH

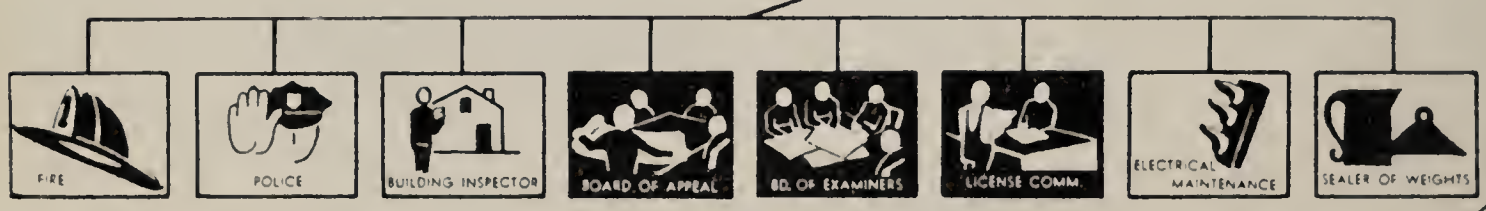
Legislature



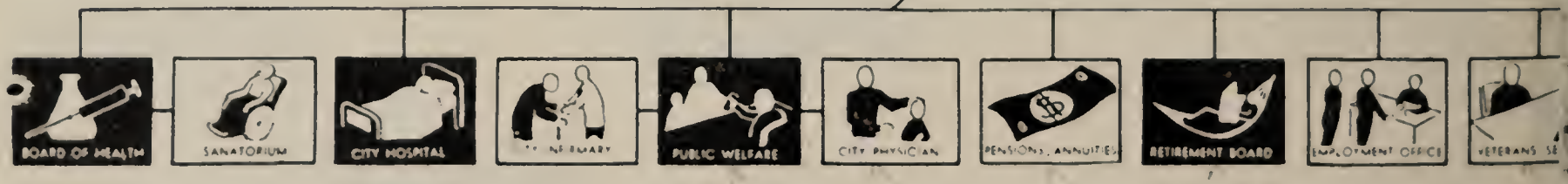
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Protection of Persons & Property



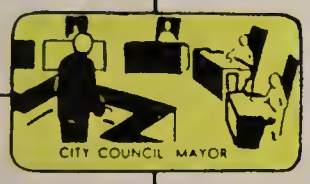
Health & Welfare



AMBRIDGE CITY GOVERNMENT 1949









Responsibility vested in:

ELECTED OFFICIALS

APPOINTED CITIZEN BOARD

SALARIED DEPARTMENT HEAD

Physical Maintenance & Development





Education & Recreation



CAMBRIDGE, MASS., A CITY OF 30,000 HOMES AND 111,0





In the 1948 presidential elections the Election Commission* dealt with the largest voting list in the history of the City — 60,194 registered voters. 28,528 of these were men and 31,666 were women. The job required an appropriation of $46,407, a total of 611 election officers, janitors, and helpers, in addition to 18 deputy registrars, 7 temporary and 3 permanent clerks. 53,581 or 89% of the registered voters cast their ballots as follows:

Dewey & Warren (Rep.)	17,149
Truman & Barkley (Dem.)	33,501
	50,650
Bradford (Rep.)	16,836
Dever (Dem.)	35,365
	52,201

*THOMAS J. HARTNETT, CHAIRMAN, HARRY A. PENNIMAN, SECRETARY, ALICE E. McCARTHY AND N. RUSSELL CAZMAY.

Legislature









Mayor Michael J. Neville and 1948 City Council. Meetings are held every Monday to transact business. In 1948 the City Council met for 64 meetings, and 2

CITY COUNCIL

HON. MICHAEL J. NEVILLE, *Mayor*
EDWARD A. CRANE
JOSEPH A. DeGUGLIELMO
JOHN J. FOLEY
JOHN D. LYNCH
HYMAN PILL
FRANCIS L. SENNOTT
*MICHAEL A. SULLIVAN
W. DONNISON SWAN

*DECEASED JANUARY 7, 1949

APPROPRIATION: $38,500

In a City whose total population easily exceeds 125,000 the members of the City Council are of necessity kept busy with the many and varied items pertaining to the welfare of the community.

The City Council meets each Monday afternoon, and members of the Council also attend many meetings of committees to which they have been appointed by the Mayor. In addition, they are constantly being called upon to attend public functions and also to attend hearings before the committees of the Legislature



public hearings on traffic changes. Standing, left to right: Hyman Pill, W. Donnison Swan, Edward A. Crane, John J. Foley, Joseph A. DeGuglielmo. Seated, left to right: John J. Lynch, Mayor Michael J. Neville, Francis L. Sennott.

on matters pertaining to the City's welfare.

No funds can be appropriated or transferred except by a vote of the City Council, nor can any ordinance be passed or bonds authorized except by the Council passing on them on at least two occasions.

The charter specifically provides that, except in the case of executive sessions, all meetings of the City Council shall be open to the public, and the rules of the City Council so provide that citizens and employees of the City shall have a reasonable opportunity to be heard at any such meeting regarding any matter considered thereat. Thus this charter preserves a democracy quite as complete as that of the old New England town meeting, when, under the law, all citizens must be heard if they choose. Our citizens in Cambridge not only have the privilege of being heard at any meeting, but at the same time the City Council welcomes the attendance of citizens at their meetings.

MICHAEL J. SULLIVAN, CITY COUNCILOR 1936-1949. Cambridge born and bred. Elected to City Council from Ward 6 under Plan B, 1936-1941. Member of City Council under Plan E from 1942 to his death on January 7, 1949. Member of Holy Name Society, St. Paul's Church, and Cambridge Lodge No. 839, B.P.O.E.



CITY CLERK

FREDERICK H. BURKE, *City Clerk*

8 PERMANENT EMPLOYEES
1 TEMPORARY EMPLOYEE

APPROPRIATION: $27,340.13
RECEIPTS: 22,175.00

The first contact that many people have with their City Government is in the City Clerk's office. Here all births and deaths are recorded, marriage intentions filed, vital statistics tabulated, a variety of licenses granted, and official papers recorded. The $22,175 revenue collected by the City Clerk's office was levied for a variety of fees and licenses, from dog licenses and marriage licenses to sporting licenses and slaughter house licenses. The $5,207.75 received for Sporting Licenses was paid to the State Department of Fisheries and Game, and $3,900.80 for Dog Licenses to the Middlesex County Commissioners. Under the provisions of Sec. 172, Chap. 140, G.L. (Ter. Ed.) the money received by the County for Dog Licenses over and above that expended for damages and supplies is paid back proportionately to the City for use by its public libraries and schools.

During 1948 births dropped off more than 500. The following table compares figures for 1947 and 1948:



One of the biggest jobs of the City Clerk is filing marriage intentions. 2,034 marriages were recorded in 1948. A total of $22,175 was collected during the year for various licenses and recording of mortgages as well as the sale of our Cambridge Zoning Ordinance and Building Code.

VITAL STATISTICS	1947	1948
Cambridge Births Recorded	4103	3861
Cambridge Residents, born elsewhere	1282	948
Total	5385	4809
Intentions of Marriages Filed	1908	1852
Marriages Recorded	2076	2034
Deaths Recorded	1936	1971
Delayed Return of Births Recorded	58	77
Affidavits — Correction of Births Recorded	281	237
Instruments Recorded	2862	2893

Figures on births, marriages, and deaths for the past ten years show births to be 70.7% higher in 1948 than in 1939, and marriages 28.7% higher. Deaths have increased about 300.

YEAR	*BIRTHS*	*MARRIAGES*	*DEATHS*
1939	2,816	1,580	1,691
1940	3,150	1,891	1,803
1941	3,505	2,073	1,752
1942	4,376	2,207	1,771
1943	4,720	1,795	2,005
1944	4,376	1,684	1,766
1945	4,308	1,678	1,886
1946	5,080	2,289	1,856
1947	5,385	2,076	1,936
1948	4,809	2,034	1,971

CITY MESSENGER—CLERK OF COMMITTEES

FORREST L. GOULD, *City Messenger—Clerk of Committees* APPROPRIATION: $4,506.30

In June 1948 the two positions of City-Messenger and Clerk of Committees were combined by City Ordinance. Under the terms of the new ordinance he shall perform the duties of City Messenger and act as Clerk of all Committees, standing or special, of the City Council not otherwise provided for by Ordinance or order. He must keep a record of all procedures and transactions, make estimates and computations, draw orders and reports and render any other assistance required by such Committees.

During 1948 there were 11 different permanent committees of the City Council in addition to other temporary committees appointed for special jobs. These required the attendance of the Clerk of Committees at 63 meetings of the Committees on Budget, Finance, Ordinances, Claims, Public Safety, Public Service, Veterans' Housing, Railroads and Bridges, Public Celebrations, and Hospital. He also attended 35 Council meetings for the election of a Mayor and two public hearings on traffic changes.

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Administration & Finance



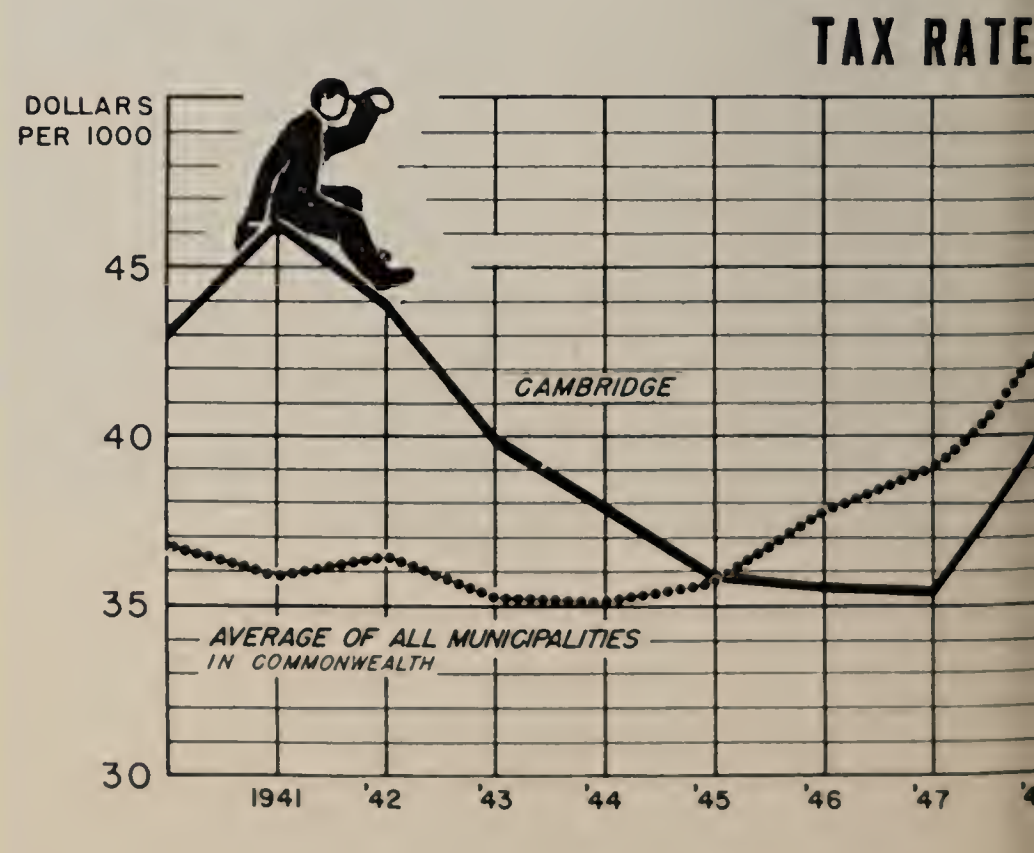




CITY MANAGER

JOHN B. ATKINSON, *City Manager*
3 EMPLOYEES
APPROPRIATION: $27,719.59

In accordance with the charter of the Council-Manager form of government, under which Cambridge operates, it is the duty of the City Manager to act as the chief conservator of peace within the City; to supervise the administration of the affairs of the City; to see that the laws of the Commonwealth and the ordinances of the City Council are faithfully executed. It is his further duty to make such recommendations to the City Council concerning the affairs of the City as may seem to him desirable; to make reports to the City Council from time to time upon the affairs of the City; and to keep the City Council fully advised of the City's financial condition and future needs. He furthermore must annually submit to the City Council the budget under which the City operates, and must make all appointments and removals in the various departments and boards in the City for whose administration he is



responsible. In other words, his office is the administrative and executive office in the City.

It is to this office that citizens come with requests for civic improvements, with suggestions to improve the operation of the City or with complaints. The open door policy prevails in this office and all citizens are welcome here.

CITY SOLICITOR

JOHN A. DALY, *City Solicitor*
MOSIER B. GOLDBERG, *Assistant*
J. HENRY SMITH, *Assistant*

APPROPRIATION: $23,085.40
2 EMPLOYEES

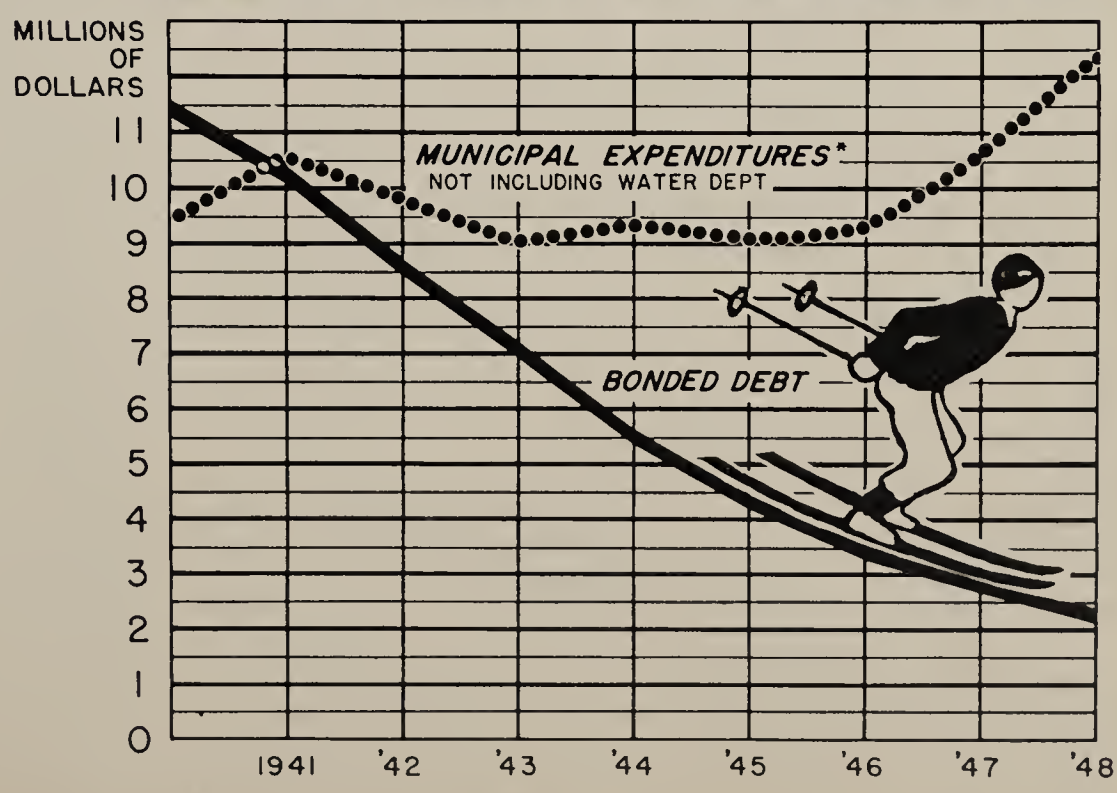
The City Solicitor acts as legal advisor to the City Council, the Mayor, the City Manager, and Department Heads who wish legal opinion on any subject pertaining to their duties.

Twenty-six bills relating to municipal administration and finance were prepared and filed with the State Legislature during the year. Some of them related only to Cambridge; others were of general application. One bill enabled the City to build a swimming pool at Donnelly Field. One proposed bill would have escalators built at the Central Square Subway Station. Another would exempt City owned and certain other vehicles from payment of the excise tax on gasoline. Another would provide for State reimbursement of taxes lost through the exemption of universities in the City.

Negotiations were completed during the year with Harvard College, and Radcliffe College for another 20 years of the agreement by which certain parcels of real estate continue to be taxable.

The 1948 tax rate of $39.90 shows a net decrease of $6.40 since 1941. In spite of the 1948 $4.40 increase it is still considerably lower than the State average. . . . The City's total bonded debt of $2,337,000 at the end of 1948 contrasts sharply with the $8,178,500 bonded debt burdening the City on January 1, 1942. The sharp increase in municipal expenditures in 1948 is due principally to the 40-hour week for City employees, salary increases, and increased welfare costs based on new State Legislation.

MUNICIPAL EXPENDITURES AND BONDED DEBT



*'48 FROM TAX RATE RECAP. SHEET

ASSESSORS

BOARD OF ASSESSORS:
THOMAS E. AHERN, *Chairman*
THOMAS F. GIBSON
JOSEPH GUINEY

6 PERMANENT EMPLOYEES
8 TEMPORARY EMPLOYEES

APPROPRIATION: $42,454.30

In 1948 the total valuation of both real estate and personal property was $198,210,950. This represents an increase of approximately $7,300,000 over 1947. About 50% or $3,500,000 of this was in new construction with the balance reflecting an increase of $500,000 in personal property, and $3,300,000 revisions in certain land values, alterations, and general valuations.

Information pertaining to any and all property within City boundaries may be found in the Assessors' office. Valuable assistance is rendered various government agencies in helping to locate persons. Official letters required by immigration authorities as a condition precedent to permitting persons to bring immigrants into the country originate in this office. Miscellaneous information is also furnished to persons in rent control and income tax departments.

Many graduate students from colleges in and around Cambridge find the Assessors' office a source of valuable information on matters of taxation, the computation of the tax rate, and for pertinent property data. Every possible help is given them by both the Board of Assessors and the office staff.

New filing cabinets were purchased during the year which will contain records of the Probate Court as well as transfer cards containing pertinent data from recorded deeds of sales in the City.

APPROPRIATION AND ESTIMATED RECEIPTS

APPROPRIATIONS	1941	1946	1947	1948
City	$7,665,143.97	$6,332,069.78	$7,178,443.69	$8,494,342.85
School	1,886,789.93	2,005,230.86	2,350,065.36	2,477,893.93
County	260,337.51	267,717.43	325,574.09	296,334.46
State Tax & Assessments	919,600.95	373,253.16	605,110.94	521,946.25
Judgments	28,010.33	21,769.65	1 115.07	30,000.00
Deficit in Overlay	91,135.09	76,382.21	34,549.54	65,393.93
Overlay	121,416.81	100,804.91	126,575.32	79,078.81
Total	$10,972,434.59	$9,177,228.00	$10,621,434.00	$11,964,990.23
ESTIMATED RECEIPTS				
Loans	675,000.00			
Departmental	1,200,000.00	1,554,835.22	2,113,003.01	2,351,263.16
Authorized by Commissioner		178,671.98	75,000.00	
From State:				
State Income Tax	554,629.62	496,923.27	735,667.50	708,046.89
Corporation Tax	412,651.83	478,090.78	561,997.68	722,800.78
Over Estimates	878.62	3,769.30	298.66	171,648.17
Gasoline Tax	250,981.04	111,650.97	111 650.97	
Meal Tax		25,016.88	25,300.00	30,462.32
Total Estimated Receipts	$3,094,141.11	2,848,958.40	3,770,048.17	3,984,221.32
Polls	66,576.00	70,000.00	73,472.00	72,152.00
TOTAL ESTIMATED RECEIPTS & POLLS	3,160,717.11	2,918,958.40	3,843,520.17	4,056,373.32
TOTAL APPROPRIATION	10,972,434.59	9,177,228.00	10,621,434.00	11,964,990.23
LESS POLLS & EST. RECEIPTS:	3,160,717.11	2,918,958.40	3,843,520.17	4,056,373.32
TAX LEVY ON PROPERTY	$ 7,811,717.48	$6,258,269.60	$6,777,913.83	$7,908,616.91
TAX RATE	$46.30	35.80	35.50	39.90

Income and expenditures of the Water Department are not shown here because they do not figure in the setting of the tax rate.

TREASURER-COLLECTOR

25 PERMANENT EMPLOYEES
2 TEMPORARY EMPLOYEES

APPROPRIATION: $74,749.97

At the close of 1948 the City's total bonded debt, including Sinking Fund and Water Debt, was $2,337,000 — a per capita debt of $21.00 — the lowest in many years. In 1941 the total debt stood at $11,599,500 with almost $2,000,000 of this amount in short-term notes.

The collection of taxes and monies due the City, and its disbursement in 1948 involved $28,740,000. 96% of the $8,323,457 in taxes committed for collection by the Assessors was collected by the end of the year. $3,500,000 in short-term notes issued at a cost for interest of $10,571.11 in anticipation of taxes to provide funds to operate the City's business were all paid off before December 31.

SINKING FUND

COMMISSIONERS:
WILLIAM H. REARDON, JR., *Chairman*
PHILIP G. CARLETON — JOSEPH M. MURPHY
P. T. JACKSON — ARTHUR M. WRIGHT
WENDELL L. JAQUITH

APPROPRIATION: $605

The function of the Commissioners of the Sinking Fund is rapidly drawing to a close. During the year funds were provided to retire $45,000 in debt, leaving but $70,000 Sinking Fund Bonds outstanding, and all of these will be retired by 1952. Government obligations in the hands of the Commissioners are sufficient to take care of these commitments as they mature.

$58,952 collected in 1948 from the City's 745 parking meters are sorted by machine.





Preparation of the City's 1948 budget totaling $10,000,000 and reclassification of salary schedules for all City employees were major accomplishments for the Budget Examiner-Personnel Director.

BUDGET EXAMINER—PERSONNEL DIRECTOR

OWEN F. McCALL, *Budget Examiner—Personnel Director*

1 EMPLOYEE

APPROPRIATION: $7,373.78

In June 1948 the Budget Department was coordinated by City Ordinance with the function of Personnel Director. This entails keeping complete personnel records for all City employees, data regarding appointments, promotions, salary changes, transfers, leaves of absence, processing Civil Service papers, and establishing entrance requirements and duties for new positions.

After careful survey of salaries paid in municipal service and industry for comparable job classifications, the maximum rates of pay for most City employees were advanced $200.

The veterans' apprentice training program was continued in 1948 with 12 trainees in various City departments. Each trainee is allowed three to four years to finish training. Progress charts are kept as each phase of a skill is covered.

AUDITING

JOHN J. McKENZIE, City Auditor

6 EMPLOYEES

APPROPRIATION: $20,234.80

The Auditing Department is a most important function of our City Government. It is the watchdog of all department appropriations. All orders from the Purchasing Department must first be encumbered here and all bills and payrolls must be approved by the City Auditor before payment by the Treasurer. Detailed records of each department's monetary transactions are kept in this office.



The hundreds of gallons of paint responsible for the attractive interiors in City offices, City Hospital and many school buildings throughout the City is but one of many items purchased at quantity prices and great savings.

PURCHASING DEPARTMENT

JOHN H. CORCORAN, *Purchasing Agent*

7 EMPLOYEES

APPROPRIATION: $23,588.14

The policy of placing additional items under sealed bid was continued in 1948 and approximately 130 contracts were written. The most substantial savings were realized on automotive parts which were placed on a bid basis for the first time. In addition to a crane and a gate opener for the Water Department a new excavator was purchased to eliminate a rental charge of about $100 a day for an excavator when needed.

The City has derived considerable benefit in the purchase of many items at a fraction of their real worth from War Assets Administration. Examples are a towing and wrecking truck for the Public Works Department; and an X-ray machine for the Sanatorium. All passenger cars in the Police and Public Works Department were replaced at little or no cost to the City, and new cars purchased for nine other departments.

CUSTODIAN OF FORECLOSED PROPERTY

SAMUEL M. FLAKSMAN, *Custodian*

1 PART-TIME EMPLOYEE

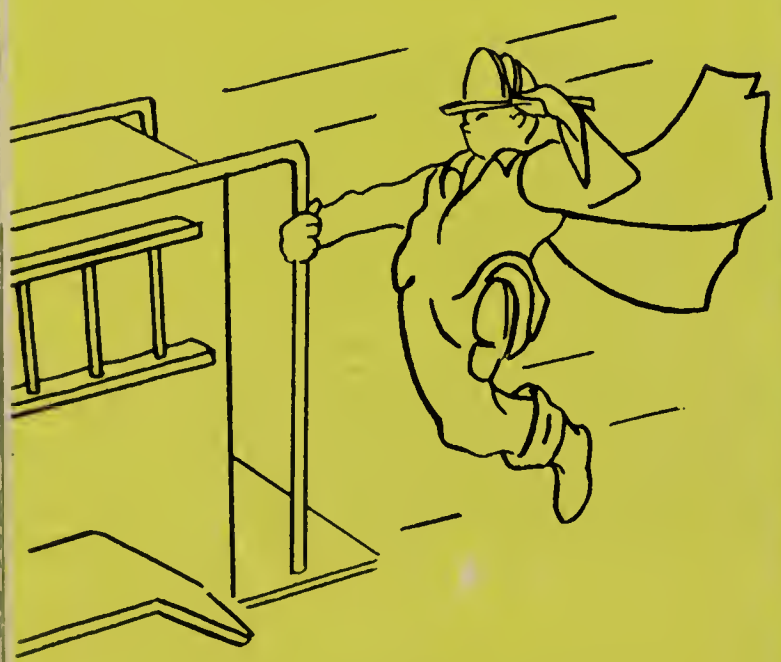
APPROPRIATION: $ 1,251.00
RECEIPTS: 13,070.00

During 1948 the Custodian sold 14 parcels of property for the sum of $13,070. A printed list of the 74 remaining parcels was distributed to all taxpayers. Included in this group were 16 lots assessed at $28,000, temporarily being used for veterans housing. Five lots have been transferred by City Ordinance to the Recreation Department for totlots. The remaining 53 lots are assessed at $42,500.

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Protection of Persons & Property







FIRE

JOHN F. COLLINS, *Chief*

225 EMPLOYEES
2 DECEASED

APPROPRIATION:	$781,989.77
RECEIPTS:	571.00

The Fire Department is called upon to perform many acts outside its stated duty of extinguishing fires. Many of these acts are brought about through carelessness of citizens. During 1948 the apparatus responded to 164 calls for assistance to individuals who had carelessly locked themselves out of their houses. The Department responded to 38 calls for assistance from fumes of asphyxiating gas, resulting from defective mechanical refrigerating units. 16 calls were made in response to structural hazards resulting from heavy rains leaking through flat roofs. A total of 8,950 building inspections were made in 1948. All conditions of a hazardous nature which may cause fire were checked. Drastic violations when reported are followed up and corrected.

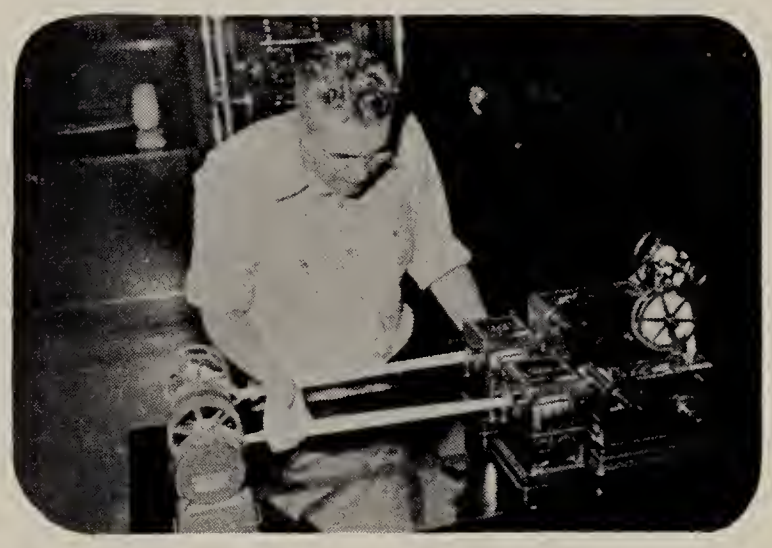
2,174 alarms were made during the year, a total of 297 less alarms than 1947. 1,023 of these were box alarms, and 1,151 still alarms. Also included in this total were 260 false alarms. The Department responded to 93 alarms of Mutual Aid with Belmont, Arlington, Watertown and Boston By far the largest number of these were 74 from Somerville. Five multiple alarms were given in the year, three 3-alarm assignments and two 2-alarms. 124 fires incurred a high loss, ranging from $14,000 to $67,000. The total fire loss for the year on both buildings and contents was $525,154.02. Six of the seven fatalities occurred at one fire in February. The per capita loss based on 112,000 population was $4.68.

Nine new pieces of apparatus acquired in 1948 bring the total to 23 now available in the seven engine houses in the City. Apparatus in service now consists of 9 pumping engines, 8 hose trucks, a high pressure fog wagon, 4 aerial ladder trucks, one of which is duraluminum, and a covered rescue truck.

All members of the Cambridge Fire Department are well-trained and equipped for their jobs. Except for five new appointees all officers and members have attended the five-day fire school conducted by the Boston Fire Department. The majority of members have taken a refresher course in first aid conducted by the American Red Cross. 12 new appointees were trained for a 15-day period in the fundamentals of fire-fighting techniques. Members of the Department respond regularly to calls from the medical directors of the Cambridge City Hospital and Sanatorium for blood donations. They have also contributed to the blood banks in other metropolitan hospitals.

Considerable new equipment was added to the Department during 1948: four new combination hose wagons purchased at half the usual price were replacements for apparatus 25 years old. Two new pumping engines of 1,000 gallon capacity are replacements for older equipment and a new covered rescue wagon replaced open equipment in service 13 years.









COMMON CAUSES OF FIRES

CARELESS SMOKING in bed, use of matches by children

KITCHEN HAZARDS: grease, fats, wax, flammable liquids on stoves, open flames unattended

HOT ASHES in paper cartons and wooden barrels

HEATING DEFECTS: defective flues, chimneys, fireplaces, smokepipes, power oil burners, range oil burners, space heaters, unscreened fireplaces, inadequate clearance from combustible material

MISUSE OF ELECTRICITY: frayed cords, cords under rugs, overloaded fuses, pennies in fuse box, defective fixtures

POOR RUBBISH DISPOSAL METHODS: accumulation in cellars, spontaneous combustion from oily rags, papers

FLAMMABLE LIQUIDS: home dry cleaning materials, home paint removal, storing of fluids

SPONTANEOUS IGNITION: oily rags, mixed rubbish, painting supplies, packing material

FLAMMABLE DECORATIONS: Christmas trees, streamers, paper shades

The rescue truck responds to all box alarms and can transport two stretcher patients at one time . . . Ticker tape recorded time and date of the 2,174 fire alarms rung in during 1948 over a completely electric fire alarm system . . . Winter fire fighting tests the skill of competent crews.



POLICE DEPARTMENT

JOHN R. KING, *Chief*

214 EMPLOYEES
2 DECEASED

APPROPRIATION: $739,089.75
RECEIPTS: 2,022.04

The Police Department is composed of four divisions: Patrol Division, Bureau of Criminal Investigation, Traffic Bureau, and Crime Prevention Bureau. There are a total of 215 men in active service, 177 of whom are patrolmen, with 16 sergeants, 7 lieutenants, 5 captains, and 9 civilians.

The Bureau of Criminal Investigation composed of the Automobile Squad, Bureau of Identification, the Department of Claims, Pawn, and Missing Persons made a total of 3200 investigations, 145 arrests, and recovered money and property in the amount of $55,400. Of 240 motor vehicles stolen in Cambridge, 137 were recovered here and 89 in other cities. An additional 47 were recovered in Cambridge for outside cities. The total value of all vehicles recovered in Cambridge was $340,509.00. Of 120 persons reported missing in 1948 there were 105 returned.

The Traffic Bureau maintains a file of all accidents, location cards, and operator's accident report record cards, as required by City Ordinance. The maintenance, enforcement, and subsequent checking of violations of the 773 parking meters in the City now consumes many man hours. The Traffic Safety Squad patrols the City twenty-four hours a day, with enforcement work as their principal assignment. Since the public has become aware of the existence of this patrol, there has been a noticeable decrease in night-time accidents. There were a total of 1,912 auto accidents, 1,182 of which were auto collisions. There were 1,187 injured and 9 fatalities. 18,299 non-criminal parking summonses were issued by the Bureau in 1948, and 3,057 criminal summonses and arrests with fines imposed totaling $7,607.70.

In the Crime Prevention Bureau the Juvenile Aid Bureau received a total of 816 complaints involving 791 boys and 25 girls. 86 of this number were boys and girls from outside cities and towns. During the year 83 Cambridge boys and



Installation of the City's 745 parking meters has helped to solve the difficult parking problem. The new three-wheeler quickly covers large areas of the City and enables one man to do the work of four on foot in enforcing regulations. Cambridge, like many large cities, has a major problem in parking its 20,269 registered passenger cars — plus an estimated 30,000 visitors' cars.

760 complaints, mostly for non-support, were investigated in the Domestic Relations Unit. Hearings for 262 cases were held before the Clerk of Court where agreements were made on a voluntary basis without court action. At least 100 cases monthly, mostly on Domestic Relations, are heard at the night session conducted by the Third District Court.

In February the Special Service Unit was transferred to the Crime Prevention Bureau. 242 investigations were made, including routine check-ups. 99 Surveillances on suspects, and 98 warnings given. 46 raids were made with search warrants and arrests made when evidence was obtained. 44 persons were arrested for setting up and promoting lotteries, 28 of whom were Cambridge residents.

12 Cambridge girls were brought before the court and judged delinquent. 136 complaints against adults involving offenses with or against juveniles were investigated. Neglect of minor children constituted the majority of complaints. 83 were prosecuted in court and either found or pleaded guilty to complaint charges.

During the eight year period 1940-47 there was a slight fluctuation in the rate of actual delinquency. This rate was .93%. The rate for 1948 is .74%, a noticeable decrease.





ELECTRICAL MAINTENANCE

VINCENT L. MOYNIHAN, *City Electrician*

19 PERMANENT EMPLOYEES
4 TEMPORARY EMPLOYEES
1 DECEASED

APPROPRIATION: $70,781.73

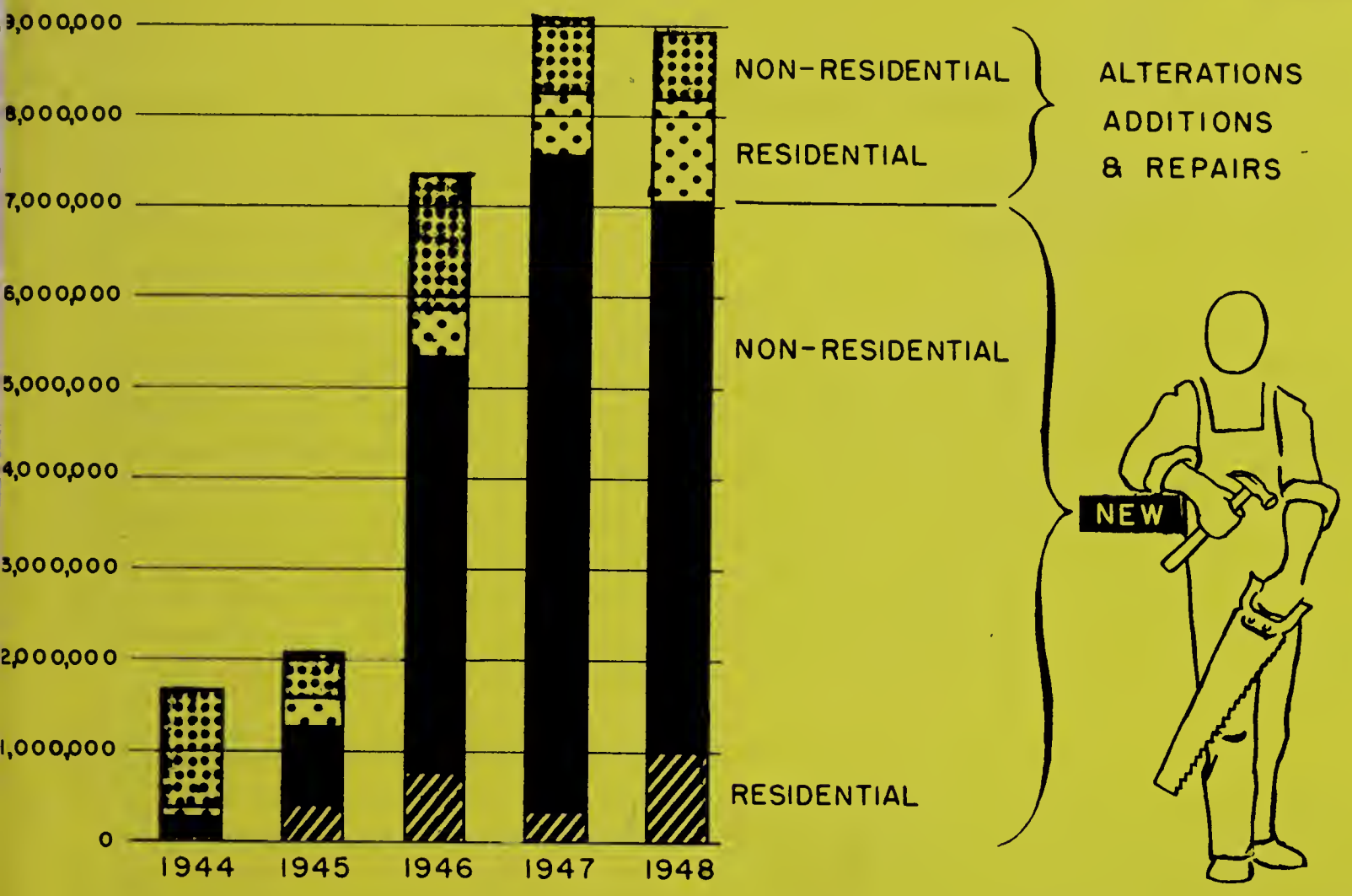
During 1948 modernization of the City's street lighting continued. Many additional new lights were installed as well as old lights intensified by the Cambridge Electric Light Company. In the vicinity of Harvard Square alone 150 lights of 6,000 lumens were increased to 164 lights of 15,000 lumens.

A total of 2,188 bell and still alarms were received over the automatic fire alarm system including 355 transmitted by telephone. 75 were part of the mutual aid system in answer to calls from Somerville, with 15 from Arlington, Belmont and Watertown, and 13 general alarms. The new method of wiring in the rebuilt traffic safety islands will cut down maintenance. Emergency lighting was installed in the City Hospital to meet the requirements of the State Public Safety Department. New lights and circuits were provided in the new repair shop of the Hampshire Street Garage, and minor repairs made in other City buildings.

Christmas in Central Square: 10,000 multi-colored lights amid evergreen decorations strung on 6 miles of wire and two large trees provided a holiday atmosphere.



VALUE OF CAMBRIDGE BUILDING PERMITS



37 additional family units were provided in 1948 by new and altered residential construction.

BUILDING DEPARTMENT

JOHN J. TERRY, *Superintendent of Buildings*

11 PERMANENT EMPLOYEES
1 TEMPORARY EMPLOYEE

APPROPRIATION: $41,269.75
RECEIPTS: 20,173.72

Twenty-five large building projects varying from warehouse and office structures to institutional laboratories, dormitories, technical libraries and residential structures comprised $6,297,000 of the $7,064,015 worth of new construction in the City. In 1948 an additional $1,904,745 was spent in alterations to 1,060 existing structures. 840 of these were alterations to dwellings. 137 family units were provided in either new or altered dwellings. There were 132 buildings of all types constructed.

A total of 6,487 permits issued during the year brought in a revenue of $20,173.72. The 1,361 building permits accounted for over $9,400 of this amount and the 1,876 electrical permits for another $6,025. 4,000 building inspections were made. As a result of a survey of piazzas and porches involving 2,640 inspections, approximately 75% of conditions needing repair were remedied.

Over 4,600 electrical inspections were made and 450 special reports written for the Fire Department, Cambridge Electric Light Company, telephone requests or complaints. Gas inspections totaled 1,637 and plumbing inspections 2,729. 773 elevators in the City involved checking violations, making safety tests, examining elevator operators, and writing reports for the State Department of Public Safety.

LICENSE COMMISSION

BOARD OF LICENSE COMMISSIONERS: JOHN E. QUINN, *Chairman*
JOHN R. KING
JOHN F. COLLINS

2 EMPLOYEES

APPROPRIATION: $ 6,233.88
RECEIPTS: 182,458.20

The License Commission meets regularly every Monday afternoon at two o'clock to hold hearings on applications for licenses of all kinds. The greatest number of licenses of any one kind (856) were issued to drivers, although the largest sum from any one type of license was $162,660 received from the 197 liquor licenses issued. The next largest single amount was $4,300 received from garage and gasoline licenses. 68 licenses for used car dealers brought in $3,325. 377 common victualers were granted licenses and 332 lodging houses. The total revenue collected from all types of licenses, with fees ranging from 25c to as much as $1,500 for some liquor licenses, amounted to $182,458.20. These varied from one-day beer licenses, peddlers and pawn brokers to junk collectors and merry-go-round operators.

The License Commission was created by Chapter 83 of the Special Acts of 1919, but its specific duties were not established until three years later by Chapter 95 of the Acts of 1922. This amendment grants authority to the License Commission to issue licenses for many different kinds of businesses, including lodging houses, coffee houses, junk dealers, second-hand auto dealers, pawn brokers, billiard or pool halls, bowling alleys, skating rinks, carousels, ferris wheels, hawkers, peddlers, or auctioneers. Chapter 148 of the General Laws requires licenses for the storage and sale of certain inflammable articles. Chapter 138 of the General Laws authorized the Commission to issue liquor licenses. To sum up, the Commission issues all licenses required in the City with the exception of marriage, hunting, fishing, and dog licenses which are issued by the City Clerk, and entertainment and dance licenses issued from the Mayor's office.

BOARD OF EXAMINERS

WILLIAM L. GALVIN, *Chairman*
THOMAS MULCARE
HARRY MAJORS, JR.

1 PART-TIME EMPLOYEE

APPROPRIATION: (Inc. in Bldg. Dept.)
RECEIPTS: $2,530

The Board of Examiners is one of the City's protective agencies. It grants licenses only to those builders, roofers, and other tradesmen who meet satisfactorily examination requirements established for each trade by the Board. Examinations were held for builders, gasfitters, roofers and other trades during 1948. 34 licenses were issued to builders, gasfitters, and roofers. A total of 520 licenses were renewed, and 645 special licenses issued. Fees of more than $2,500 were collected from licenses issued, and 10 hearings were held during the course of the year.

BOARD OF APPEAL

WILLIAM J. GALVIN, *Chairman*
JAMES J. WALSH
FRANK J. GALLAGHER

I EMPLOYEE (from Building Department)

APPROPRIATION: $1,342.30
RECEIPTS: 1,160.00

The Board of Appeal hears petitioners seeking relief from provisions of the Zoning Law and Building Code, under authority given in the Law, on cases involving hardship or special exceptions as stated in the Law. 118 cases were heard at a total of 16 meetings during 1948. 81 of these cases were granted, 22 denied, 7 given leave to withdraw, and one cancelled before hearing. Seven decisions were pending at the end of the year. $1,160 were collected during the year from fees required to defray the cost of advertising.

SEALER OF WEIGHTS

JOSEPH M. O'NEIL, *Sealer*

4 EMPLOYEES

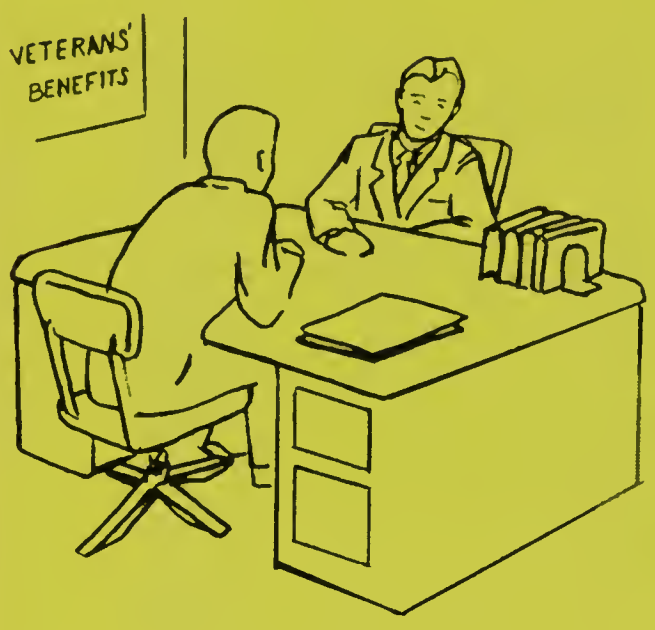
APPROPRIATION: $15,558.00
RECEIPTS: 5,262.45

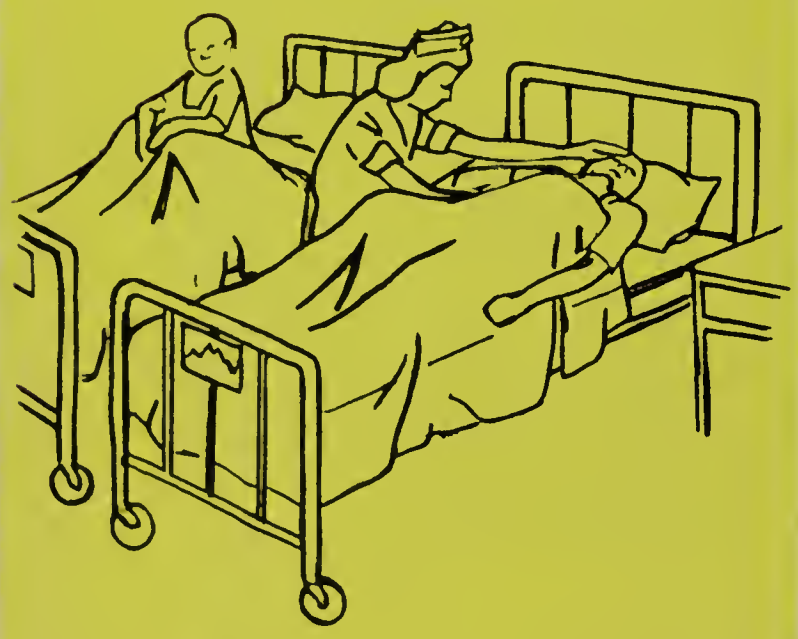
The activities of this Department appear to increase yearly. A contributing factor is the Super Markets' pre-packing of meats which require constant checking on marked prices and weights. With butter and meat prices at 80c to $1.29 per pound, a fraction of an ounce shortage may mean a sizeable sum to the consumer. Consumers should have no hesitation about registering complaints at this office about any violation on the part of the management. In 1948 2,478 scales, 1,970 weights, and 605 gasoline meters were sealed or adjusted, approximately 500 platform scales tested, 271 vehicle tank compartments sealed, and 179 taxi-meters tested.



Meters of the 250 taxicabs in the City are one of many measuring devices which must be checked each year by the Sealer.

Health & Welfare









High School students take part in the Community-wide Chest X-Ray Program conducted by the Board of Health in conjunction with the State Health Department and the Cambridge Tuberculosis and Health Association.

HEALTH DEPARTMENT

BOARD OF HEALTH:

THOMAS H. EATON, M.D., *Chairman*
WILLIAM T. HICKEY
S. B. KELLEHER, M.D., *Medical Health Officer*
JOHN D. CROWLEY, *Executive Agent*

*31 PERMANENT EMPLOYEES
32 PART-TIME EMPLOYEES

2 DECEASED

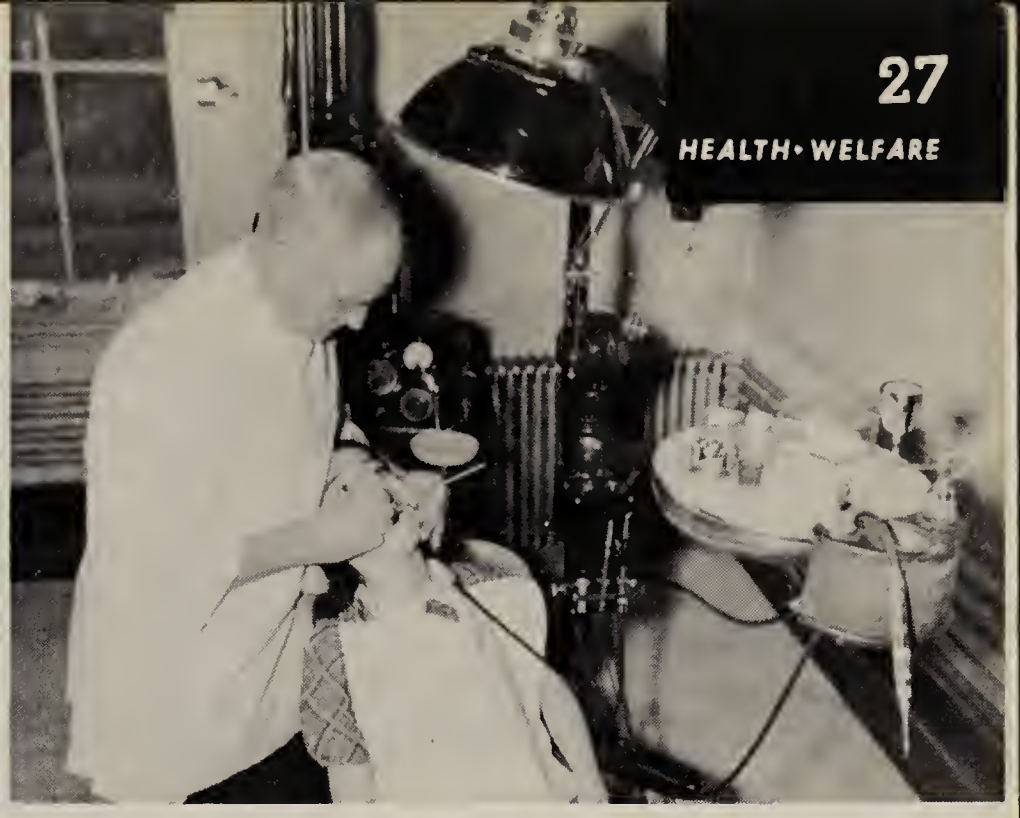
*2 ON LEAVE

APPROPRIATION:	$144,154.39
RECEIPTS:	4,216.15

The Health Department is organized by Divisions of Administration, Communicable Disease Control, Child Hygiene (including School Health), Laboratory Sanitation, (including Food Inspection) and Tuberculosis.

The Community-Wide Chest X-ray Survey, mentioned in caption above, cost considerably less than the average of 15c per person estimated for such surveys by the State Department. The City's share was $3,968.44, with the Tubercu-





56,676 chests were X-rayed using two mobile units of the State Department on a 5-day week, afternoon and evening, in 25 neighborhood clinics, 4 major hospital clinics and colleges. Mothers attending the City's well-baby clinics in 1948 received counselling on nutrition from a volunteer nutritionist. Free fluoride treatments were begun at the City's 9 dental clinics in a concentrated effort to reduce the amount of tooth decay.

losis Association spending an additional $1,836.98 for education and publicity of the project. The Survey revealed 20 active new cases and 79 suspected cases.

The outstanding statistics for 1948 are (a) a new low in both morbidity and mortality of pulmonary tuberculosis with only 93 cases compared to an average of 104 in the past ten years, (b) a death rate of 30.54 compared to the previous low of 32.38 in 1945 and the past ten-year median of 45.21 per 100,000 population, (c) a new low in maternal mortality with .78 per 1,000 live births compared to the previous low of .89 in 1945, and a past ten-year median of 2.05, and (d) the consistently low infant mortality with 27.6 per 1,000 live births compared to a 29.2 median for the past ten years. Tentative 1948 vital statistics show:

General death rate (Crude) 14.18 vs. 12.54 Cambridge Residents
General birth rate (Crude) 34.10
Infant Mortality 27.66
Maternal Mortality .53 vs. .78 Cambridge Residents

40.6% of all deaths were over 70 years of age (compared to 14.5% in 1900). The nine leading causes of death—heart, cancer, intracranial, arteriosclerosis, accidents (excluding autos), pneumonias, diabetes, tuberculosis and nephritis—totaled 74% of all deaths in the City.

For the first time the Department rendered several new types of services: the Community-Wide Chest X-ray Survey; a Restaurant Sanitation Survey with a School of Instruction in Restaurant Sanitation and Rodent Control; coordinated chest X-ray clinics at the Cambridge Sanatorium, Cambridge City Hospital, and Mt. Auburn Hospital and City Hall Annex; addition of two new school dental clinics at the Peabody and Houghton Schools which will be opened in the spring of 1949; and provision for the application of sodium fluoride in dental clinics.

CITY HOSPITAL

BOARD OF TRUSTEES:
ARTHUR MacKENZIE, *Chairman*
THOMAS AHERN
MRS. CLAIRE STEINERT
JOSEPH MURPHY
GEORGE B. FOSTER, JR., M.D., *Medical Director*

303 PERMANENT EMPLOYEES
51 TEMPORARY EMPLOYEES
29 PART-TIME EMPLOYEES
1 DECEASED

APPROPRIATION: $1,036,507.92
RECEIPTS: 409,412.05

The Cambridge City Hospital prides itself on the superior quality of its medical care. Altho operational costs has but continued this upward trend several factors helped to somewhat offset them. Revenue increased appreciably during the year due to some stabilization of Blue Cross benefits, to a rate increase for State cases, and to fixing of the rate for industrial accident cases at cost.

Despite the continued shortage of nurses the Cambridge City Hospital maintained high standards of service and rendered a considerably greater volume of medical care than in previous years. The medical staff now numbers 116 physicians and surgeons of whom 13 are consultants, 72 inpatient and 31 outpatient members. Ten meetings of the active staff were held in 1948 with an average attendance of 55. During 1948 residencies of one and two years in medicine, obstetrics-gynecology, pathology and anesthesiology were approved by the Council on Hospitals and Medical Education of the American Medical Association and the respective National Specialty Boards. Two residencies in surgery were approved for a period of three years. The training program for House Officers includes formal lectures on basic science in addition to special department lectures, practical work, and exercises on the ward, special exercises such as staff meetings, X-ray, clinico-pathological conferences, and the use of the library on recent books and current American Journals.

A major project accomplished in 1948 was the conversion of Ward C into a Central Supply Department. This conversion now allows for a clean-up room

The Cambridge City Hospital Blood Bank, a small refrigerated chest, contains valuable blood plasma essential in emergency cases and disaster relief. 737 transfusions of the four different blood types were given from this Bank in 1948. The work of this laboratory is performed by three registered nurses . . . 42 students were graduated from





and non-sterile storage space, a preparation and sterilization room, a solution room, and a storage and issue room for sterile supplies and solutions. Asphalt tile flooring was laid in the entire areas of Ward A & B and in the expanded Record Office suite.

New technical equipment and instruments valued at more than $14,000 were acquired during the year. The major items were three new press units in the laundry; audograph electric sound writer for the laboratory; vertical roentgenoscope for the cardiac clinic; Ritter Model B shock-proof dental X-ray unit; an Albee Comper Model A orthopedic table; a Luck bone saw complete with accessories; and a chemical hood for the laboratory. In addition, all hospital workers, porters, and maintenance men have been placed in uniform.

During 1948 admissions to the Cambridge City Hospital totaled 6,950. There were a total of 75,221 days' care of all patients with a daily average of 205.5 patients, and an average stay of 10.8 days. The number of patients per day varied from 128 to 254. 10,163 patients were treated in the accident room. The Outpatient Department treated 7,438 persons in 25,701 visits. The X-ray Department handled 10,071 patients, and 4,572 operations were performed. 55,249 laboratory tests were performed and 737 blood transfusions given.

Operating expenses for 1948 totaled $1,016,114.95. 27% of this was for nursing service, with approximately 21% for dietary service. Adding 6% for depreciation to the operating expenses the total hospital expenses for the year figured at $1,077,081.85. On the basis of 63,135 inpatient days, excluding newborn, the cost per patient day amounted to $15.98. For the 35,824 outpatient visits the cost per visit amounted to $1.89. The Hospital Pharmacy Department figured an estimated savings of $16,739 in its preparation of thousands of gallons of pharmaceuticals.

The Hospital School of Nursing is staffed by a director, two assistant directors, two full-time instructors and three visiting instructors. The nursing service is comprised of 9 day supervisors, 16 graduate head nurses and assistants, with 125 graduate general duty nurses, and 40 student nurses. The demand for graduate nurses greatly exceeds the supply.

the City Hospital in 1948 and exchanged their nightingale candles for the honored cap of the nursing profession . . . This little boy with a broken arm represents one of 1,279 fractures set at the City Hospital last year . . . Every child — from the newborn to the 12-year-old — receives individual attention from expertly trained young nurses.







Fluoroscoping in the Cambridge Sanatorium is a part of modern diagnostic methods.

CAMBRIDGE SANATORIUM

BOARD OF HEALTH
THOMAS H. HEATON, M.D., *Chairman*
WILLIAM T. HICKEY
JOHN D. CROWLEY, *Agent and Clerk*
WILLIAM P. McHUGH, M.D., *Superintendent*

67 PERMANENT EMPLOYEES
2 TEMPORARY EMPLOYEES
4 PART-TIME EMPLOYEES

APPROPRIATION:	$216,280.55
RECEIPTS:	108,186.97

In July 1948 the Cambridge Sanatorium completed forty years of service to the community. Although handicapped by personnel shortages, especially nurses, all parts of the hospital were kept in operation. Special commendation should be given the nurses and physicians, porters and hospital maids who gave up time normally due them for relaxation and recreation to work long hours in close association with people who have a contagious disease.

Operational costs took a sharp rise particularly in personnel, food, and heating supplies with the result that the cost per patient day increased. 230 patients were admitted during the year, 141 of these for surgery and the remainder for diagnosis and treatment. 1,653 patients were examined in the Outpatient Department conducted at the Sanatorium two mornings a week. The Outpatient Pneumothorax Clinic treated 33 patients on an ambulatory status. The number of in-patient hospital days totaled 30,539. The 5,961 bed patient day vacancies could have been decreased if sufficient nursing personnel had been available.

The $108,186.97 received in 1948 is the highest income ever received by the Sanatorium. When subtracted from the gross operating cost of $214,206.42 the net cost of operation amounted to $106,019.45, or a per patient day cost of $3.47. Compared to 1947 this is an increase of $.89 per day.

The Sanatorium participated in the Community Chest X-Ray Survey from March to June. In the 56,676 X-rays taken 20 active cases were found, and another 79 considered worthy of follow-up. Until the entire population can be X-rayed repeatedly over several years the cost of supporting a tuberculosis program, including hospitalization, may be expected to remain very high.



Located on the shore of Fresh Pond, the City Infirmary provides attractive surroundings for elderly and needy Cantabrigians.

CITY INFIRMARY

BOARD OF PUBLIC WELFARE:
PETER J. CAHILL, *Chairman*
GEORGE A. McLAUGHLIN
WILLIAM C. CONWAY, *Superintendent*

25 PERMANENT EMPLOYEES
3 TEMPORARY EMPLOYEES

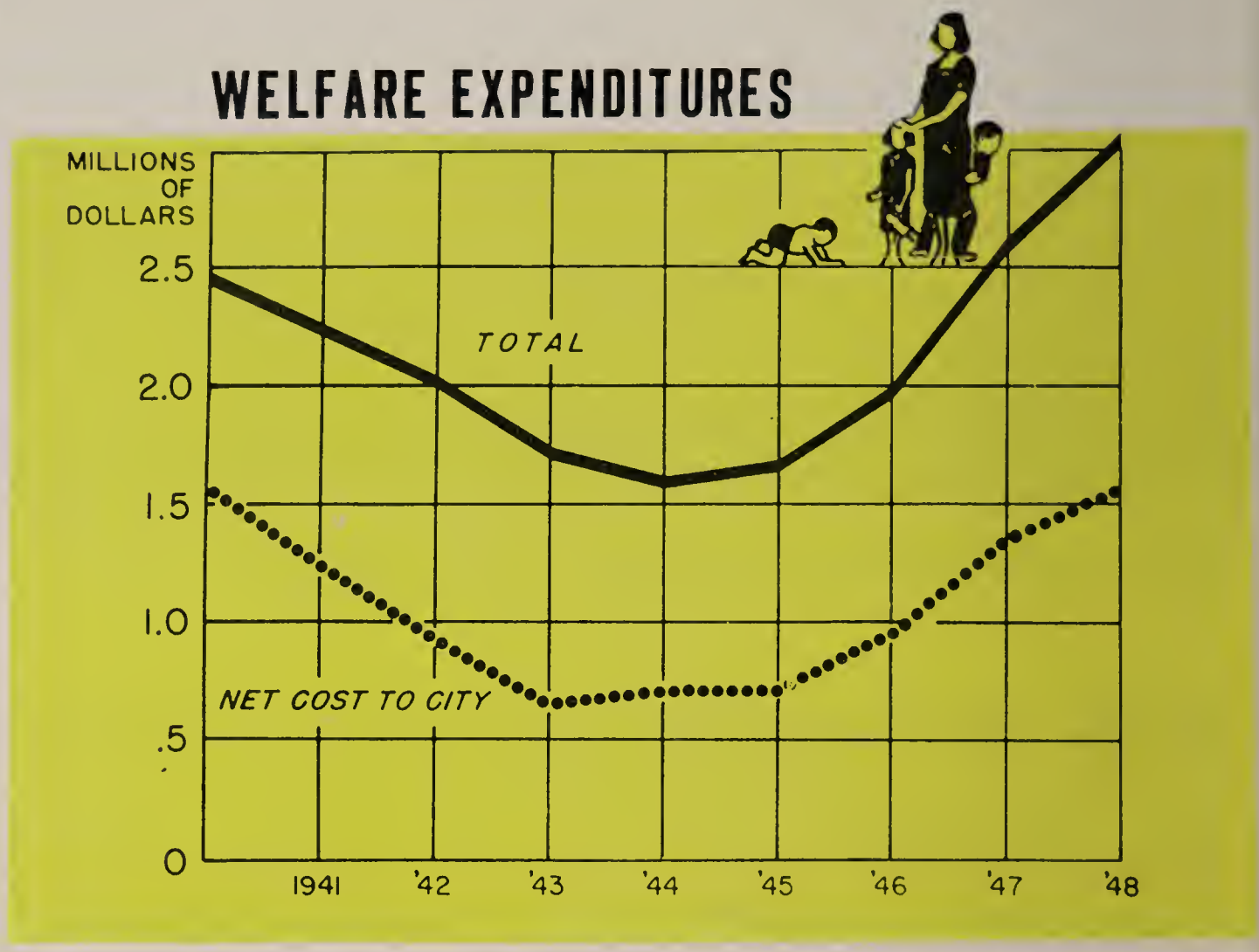
APPROPRIATION:	$112,583.59
RECEIPTS:	20,029.21

The City Infirmary is becoming increasingly more valuable to the community as an agency for the care of the chronically ill. Cambridge has a physical plant in the Infirmary which is far ahead of any similar institution in the State. The change in the pattern of service to Cambridge citizens has resulted in an annual revenue in excess of $20,000 received for board and care. A total of 376 individuals were cared for during 1948. 7 families evicted from their homes in Cambridge during the year were given shelter at the Infirmary. A total of 36 children, including members of evicted families, as well as others brought in by the police for temporary care pending court disposition, were cared for at the Infirmary.

Archbishop Cushing has appointed a permanent chaplain who celebrates Mass every Sunday and Holy Day in the auditorium. Religious services for Protestant residents are held every Sunday under a program arranged with the cooperation of local ministers.

As part of the Community Chest X-ray Service 143 residents and employees were X-rayed. 12 cases of pulmonary tuberculosis were discovered. Nine of these, required only periodic checking, and one was transferred to the Sanatorium.

New kitchen equipment purchased from War Assets Administration and installed by the Public Works Department replaced obsolete equipment which had been in use for the past twenty years. The installation included two modern hotel-type gas ranges with a two burner, open-top unit, and a ceramic broiler; two new steam kettles and a new pressure cooker. Stainless steel shelves near service elevators were also installed, and major repairs made to the service elevators. Other minor improvements were made throughout the plant.



New State legislation has successively increased welfare expenditures since 1945 without providing additional revenue sources. The net cost to the City in 1948, after reimbursement from State and Federal grants, was $727,931.

PUBLIC WELFARE

BOARD:
PETER J. CAHILL, *Chairman*
GEORGE A. McLAUGHLIN
JAMES E. FINNEGAN, *Secretary and Agent*

OLD AGE ASSISTANCE:
JOSEPHINE T. NELLIGAN, *Supervisor*
14 EMPLOYEES

OUTSIDE AID:
MRS. CORINNE M. CONLON, *Supervisor*
16 EMPLOYEES

AID TO DEPENDENT CHILDREN:
JAMES E. FINNEGAN, *Supervisor*
2 EMPLOYEES

APPROPRIATION:	$1,581,525.53
O.A.A.	$843,325.00
O.A.	350,600.53
A.D.C.	387,600.00
RECEIPTS:	$1,428,378.46
O.A.A.	$1,089,852.95
O.A.	77,675.44
A.D.C.	260,850.07

The increase in expenditures for 1948 welfare is due partly to an increase in the number of cases in all categories and partly to an increase in budgets caused by changes in the relief laws. Chapter 546 of the Acts of 1948 raised hospital reimbursement rates from $6.00 to $8.00 per day. Chapter 638 of the

Acts of 1948 provided for adjustments in allowance to Old Age Assistance recipients and the State Department of Public Welfare subsequently ordered an increase of 8.3% effective October 1.

Under the Old Age Assistance Law 1782 persons were receiving assistance on January 1. With 386 cases added and 303 cases closed, there were a total of 2,168 cases aided during 1948. This is 43 more than 1947. 1,865 were active cases on December 31. Under the Aid to Dependent Children law 328 families were receiving assistance on January 1. 135 families were added and 122 cases closed, making a total of 463 families cared for during the year. This compares with 422 in 1947. 341 families were on the rolls as December 31. General Relief aided a total of 788 during 1948 compared to 660 for 1947. 370 cases were on the rolls on December 31.

CITY PHYSICIAN

PATRICK J. FLEMING, M.D.
JEREMIAH J. BOYLE, JR., M.D.
ROBERT M. PHILLIPS, M.D.

APPROPRIATION: $6,525

The City Physician and his assistants made 373 visits and attended 1,410 cases at the City Infirmary. 172 admissions to the Infirmary were examined and 13 deaths pronounced. There were 2,818 house calls, and 820 office visits for people on welfare rolls and 22 cases referred to outside hospitals. There were 15 deaths.

The Department of the City Physician performs many duties other than strictly medical ones: retirement examinations, police calls, and mental hospital commitments. In 1948 there were 36 cases on court matters, 26 police calls, 24 retirement examinations, 191 commitments to mental hospitals and 50 other cases of a miscellaneous nature.

MUNICIPAL EMPLOYMENT

FRANCIS D. COADY, *Agent*
1 EMPLOYEE

APPROPRIATION: $3,085

During 1948 the Municipal Employment Office had 881 applicants for employment, 817 of which were men. A total of 336 were placed in private employment. 602 applications were filed during the last six months which would seem to indicate a slight rise in unemployment. As has been customary in the past the Department was in daily communication by telephone, mail, and personal contact with employers in Cambridge and nearby cities and towns.

PENSIONS & ANNUITIES

TIMOTHY J. SULLIVAN, *Agent*

1 PART-TIME EMPLOYEE

APPROPRIATION: $532,961.70

A total of 406 pensioners were paid well over half a million dollars in 1948 under the old law system. 154 of these pensioners were former Street Department employees, 97 formerly with the Fire Department and 93 with the Police Department. In addition 42 former employees of the School and Water Department were paid $52,095.

In 1947 there were 421 pensioners who received $484,778.42 in addition to another $48,147 paid out to 41 former School and Water Department employees. The fact that the number of petitioners was less and the total amount paid out was greater in 1948 than in 1947 may be accounted for by a new State law passed in September granting an increase to all those pensioned before January 1, 1946 who were receiving less than $1,500. Annuities also were increased from $1,000 to $1,200, plus $260 for each dependent child.

RETIREMENT BOARD

ARTHUR S. BENNINK, *Chairman*
CONSTANTINE J. CHURCH, *Secretary*
JOHN J. McKENZIE, *ex-officio City Auditor*

APPROPRIATION: $3,505.56

1 EMPLOYEE

The Retirement Board carries on where the so-called Old Law Pension leaves off. Under Chapter 453 of the Acts of 1931 effective until January 1, 1939, the Retirement Board had 105 active members and 36 retired members at the end of 1948. This is known as the 4% system. Under the present 5% system established by sections 1-28, inclusive, of Chapter 32 of the General Laws, the Board was carrying 1,025 active members and 63 retired members as of December 31, 1948.



VETERANS' SERVICE

JAMES F. HUGHES, *Director*

2 PERMANENT EMPLOYEES

APPROPRIATION: $7,329.16

During 1948 the Veterans Service Department had a total of 33,097 contacts with veterans. 23,187 of these were for photostats of veterans discharges, marriage licenses, birth certificates, and other documents. 2,678 were for housing, 2,245 medical benefits and hospitalization, 107 burials, 95 legal, 659 employment, 793 notarization, 125 bonus, 986 education, 1,976 benefits, and 246 miscellaneous problems. As in the previous year requests for housing and housing counsel headed the list with medical and hospitalization second.

Early in the year this department was assigned to act as liaison headquarters in the repatriation of World War II overseas dead. 65 bodies of a total of 200 Cambridge veterans expected have been returned. Under the direction of our Veterans Service Director, Cambridge has set a very high standard, which is being copied by many other communities, in the distinct honors which are given every returning body. Each body has been met at the station and an escort and guard of honor provided until interment. This service has been performed mostly by volunteers from the various municipal departments.

It is important to note that the major part of the activities of the Veterans Service Department could not be accomplished without the cooperation of the Veterans Administration (Contact and Training Officers), Massachusetts Department of Education Field Officers, Local Housing Authority, and Veterans' Organization Service Officers. All of the agencies serving veterans have established direct contact with this Department so that complete service might be initiated by a visit to this Center.

VETERANS' BENEFITS

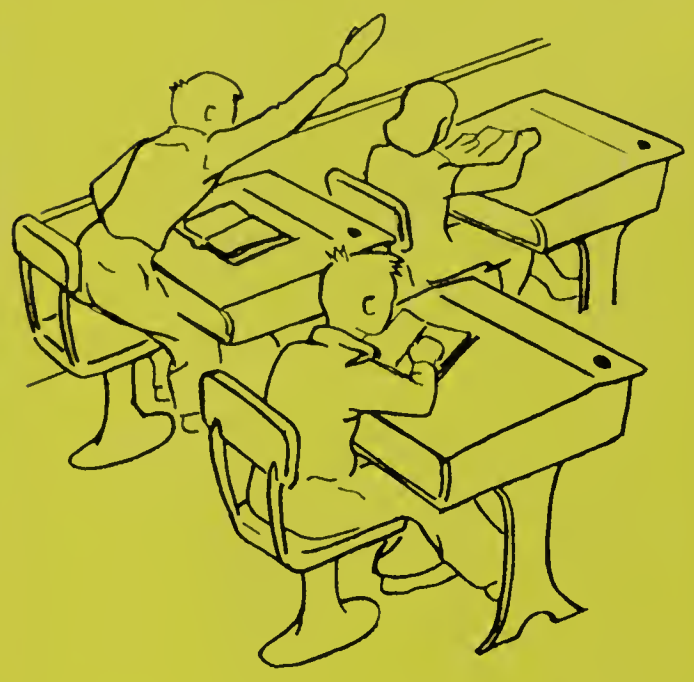
TIMOTHY J. SULLIVAN, *Agent*

3 PERMANENT EMPLOYEES
1 PART-TIME EMPLOYEE

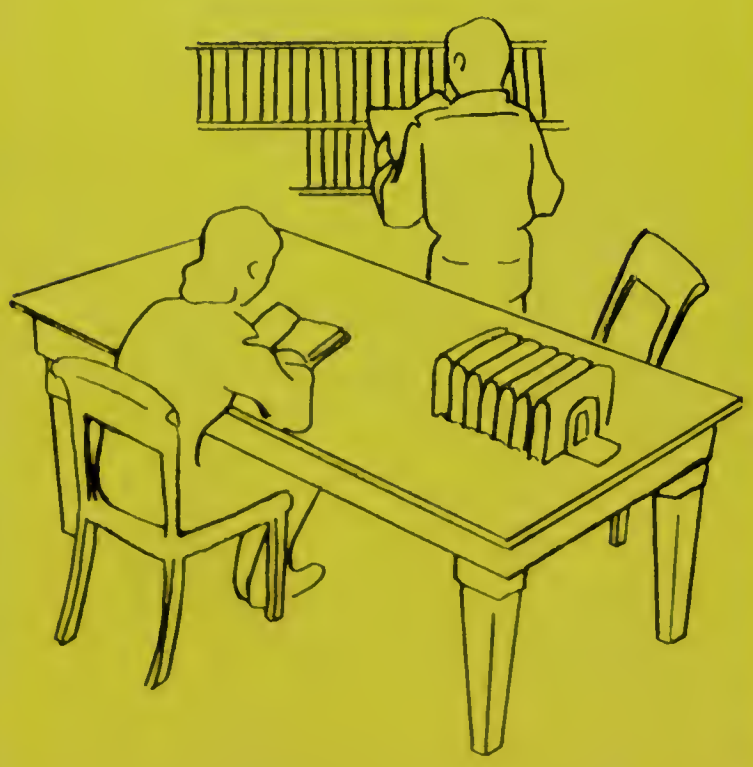
APPROPRIATION: $150,858.67
REIMBURSED BY STATE 65,390.90

Acting under authority of Chapter 115 of the General Laws as amended by Chapter 584 of the Acts of 1946, the Department of Veterans' Benefits administers the funds appropriated by City and State to care for the needy veteran and his dependents. In 1948 there were an average of 187 cases representing 415 persons handled by the department monthly. During the entire year there were 2,245 cases representing 4,982 persons who received direct aid by application for Veterans' Benefits. The department is still carrying on its rolls veterans from the Civil War, the Indian War, Spanish War, Mexican Border, World War I and World War II. Approximately $125,000 was allocated last year to veterans of World War I and World War II or their dependents.

Education & Recreation







SCHOOL

SCHOOL COMMITTEE:
HON. MICHAEL J. NEVILLE, *Chairman*
DR. JAMES J. CASSIDY
BRADLEY DEWEY
THOMAS H. MAHONEY
MRS. ELIZABETH MINOT
MARGARET KELLEHER-MOUGHAN
ROBERT J. REARDON
JOHN M. TOBIN, *Superintendent*

670 EMPLOYEES
2 MILITARY SERVICE
3 DECEASED

APPROPRIATION:	$2,518,572.73
RECEIPTS:	108,739.17

The entire educational program of the Cambridge School system is based on one objective idea, namely, making sound American citizens. Reading is considered the most important activity in the school program today. During 1948 the Reading Curriculum Revision Committee published a Course of Study in Reading for the elementary schools which includes a reading readiness program for the kindergarten, a program for remedial reading and a reading program for Grades I to VIII. A Course of Study in Science from Grades I to VIII is in the process of publication. Courses of Study in Health for Grades I to XII will be published early in 1949.

Driver education is a part of the curricula for seniors at Cambridge High and Latin and Rindge Technical School. Altho all students may not become drivers, many are bicyclists and all are pedestrians. Students learn basic safety regulations, how to drive, and what



The School Department for the first time issued a news publication entitled "The Cambridge Public Schools." School items of interest to the public are included as well as educational articles on various subjects.

Another step in the promotion of public relations was a series of radio programs. Through the courtesy of WTAO, the Middlesex Broadcasting Company, the School Department was allowed time on the air twice daily on Wednesday and once on Saturday mornings. A committee on Radio in Education was in charge of arranging these broadcasts. The Wednesday morning program took listeners to various classrooms in public schools for programs on social studies, science, music and other subjects. Afternoon programs originated in various kindergartens and first grades in the City. The Saturday morning program on fact and fiction was addressed to older boys and girls. A Listener's Guide for the use of teachers and pupils was worked out by the Committee on Radio and Education.

During 1948 courses in driver education were expanded both in the High and Latin School and the Rindge Technical School so that one teacher in each school has a full program in safety and driver education. Through the cooperation of two local motor car companies the program was further developed by the purchase of two cars for $1 each. The State Registrar of Motor Vehicles has contributed materials for developing a sound curriculum in this field.

In the fall of 1948 the position of Education Vocational Counsellor and Placement Director at both the Cambridge High and Latin and Rindge Technical Schools was newly established.

Cambridge will soon have one of the best equipped audio-visual education systems in the State. All schools are now supplied with a sound motion picture projector, film strip projector; radio-phonograph combination; a portable, glass beaded screen; and one album of correlated recordings. Playback machines, lantern slide projectors, opaque projectors, and wire recorders are available to all schools upon request. A library of lantern slides, sound motion pictures, and film strips in color is now being developed. Every teacher in the system will eventually be trained to properly use all of these aids.

goes on under the hood of an automobile. Depth-perception, glare reactions, and field-of-vision devices are used in these classes to teach students good judgment in driving . . . Future housewives learn the mysteries of cooking and nutrition in the home economics laboratories of Cambridge High and Latin School . . . Rindge Tech boys are well prepared for higher education or are expertly trained in a variety of trades including electrical and radio engineering, typesetting , printing and metal molding.





Photos on right: ***The new collection of phonograph records will circulate the same as books. The collection was started by a donation from Mrs. Elizabeth Sprague Coolidge and has already brought many hours of enjoyment to thousands of Cambridge citizens . . . Cambridge children who gather around a Christmas tree at the annual Christmas party at the Cardinal O'Connell Branch Library.***

The Cambridge School Department has an extensive program of adult education, with Americanization classes, and evening school in all elementary and high schools and Rindge Industrial School. Classes for men and women veterans are held at Rindge Technical School two evenings a week. This Veterans Education Center is used by veterans to complete requirements for a high school diploma, for a Massachusetts high school equivalency certificate, or for refresher purposes in preparation for college or technical schools.

The School athletic program includes teams in baseball, football, track, hockey, basketball and crew, and some minor sports. The grammar school athletic league has been operating for nearly 30 years with football, soccer, basketball and baseball schedules.

468 teachers fulfilled the requirements for increments by attending colleges and universities for additional work in special fields. A total of 2,408 semester hour credits were earned by teachers beyond the immediate increment requirements.

SCHOOL STATISTICS	*1941*	*1945*	*1948*
School Appropriation in Tax Levy	$1,886,790	$1,967,507	$2,518,573
Tax Rate	$46.30	$35.90	$39.90
Tax Rate Equivalent	11.16	11.51	12.57
Total Expenditure	1,866,479	1,938,869	2,494,838
Cost per Pupil	133.14	171.62	235.69
Number of Teachers	666	542	497
Salaries of Teachers	1,458,334	1,485,056	1,894,735
Teachers' Salaries per Pupil	103.90	131.70	179.00

The girls' uniformed drill team of Cambridge High and Latin adds color to school activities.







LIBRARY

LIBRARY BOARD:
MRS. CHARLES F. HURLEY, *Chairman*
MRS. JULIA T. BOYLE
MISS ALMA BOUDREAU
JOHN BRADLEY
HENRY MAHONEY
GEORGE B. ROWELL
PROF. THOMAS H. MAHONEY
ANTHONY DeVITO, *Librarian**
ELEANOR O'BRIEN, *Acting Librarian*
*RESIGNED SEPTEMBER 1

APPROPRIATION: $108,445.30
RECEIPTS: 1,249.11

32 PERMANENT EMPLOYEES
4 TEMPORARY EMPLOYEES

The Cambridge Library system now consists of a main library, six branches, three stations, and sixteen schools acting as library agencies. At the end of 1948 it had a total of 215,846 volumes with 31,438 registered borrowers and a total of 512,837 volumes loaned out for home use — a net loss in circulation of approximately 10,000 over 1947. Fiction represented approximately 315,000 of the 512,837 total loaned in all branches for both adult and juvenile.

The public response to the Dowse Institute lecture series was most gratifying. Lecturers included Dr. Carl Geiringer, Mrs. Bradford Washburn, Rev. Edward Sullivan, and Rev. James M. Gillis.

A gift of $300 by Mrs. Elizabeth Sprague Coolidge made possible a collection of phonograph records for circulation. In three months over 3,000 records had been circulated from a collection of 100 volumes. A $500 bequest for reference books was given to the Library under the will of the late William Gifford, a former trustee.

The Children's Story Hour held weekly at library locations has proved highly successful. A story teller visited 20 playgrounds each week for seven weeks during the summer. The average attendance was 25, while the highest single attendance was 70 in the Housing Project.



The Gold Star Mothers' Swimming Pool, opened in 1948 and erected in East Cambridge at a cost of $150,000, provides outdoor swimming facilities never before enjoyed by thousands of Cambridge youngsters. 700 boys applied for admission on one Saturday.

RECREATION DEPARTMENT

RECREATION COMMISSION:

WILLIAM J. BARRETT, *Chairman*
CARL W. BERG
JAMES L. DUFFY
LARKLAND F. HEWITT
MARCUS MORTON, JR.
MARY L. RILEY
FRANCIS J. SKINNER
STEPHEN H. MAHONEY, *Superintendent*

APPROPRIATION:	$324,999.53
RECEIPTS:	16,886.25

45 PERMANENT EMPLOYEES
15 TEMPORARY EMPLOYEES
40 PART-TIME EMPLOYEES

The most outstanding addition to our municipal recreation facilities in 1948 was the Gold Star Mother's Memorial Swimming Pool at the John F. Donnelly Field. The new pool provides swimming facilities never before enjoyed by thousands of Cambridge youngsters. The 42 x 90 foot outdoor pool represents the best in modern design. Of glazed tile it includes a bath house with dressing rooms, showers, toilets, checking facilities, a filtration plant and first-aid

room; an enclosed sundeck for bathers, and an observation deck for spectators.

Jerry's Pit in North Cambridge was completely reconditioned for improved swimming facilities. The beach was graded, a chain-link fence erected, a new roadway to the beach was built, the bath house repaired, and the pond refilled with filtered water and a chlorinator installed.

The extensive program of providing and equipping new play areas was continued in 1948 and five new playgrounds were placed under supervision. Two other tot-lots will be added in 1949. 32 outdoor play areas were supervised in 1948 with games, dancing, dramatics, crafts, athletics, art classes and story-telling. Interplayground leagues, and tournaments were organized for a variety of activities. 1,823 permits for contests were issued to independent and industrial teams, church leagues and school groups for baseball, softball, soccer, football, bat ball, basketball. Social dances, table games, relay games, boxing, table tennis were part of the indoor program.

Hallowe'en parties were arranged with local clubs, fraternal organizations and Legion Posts.

The Department joined with the Red Cross in an intensive "Learn-to-Swim" Campaign, and with the Cambridge Kiwanis Club in conducting a Saturday baseball school during the spring. A series of block dances were instituted with the Mt. Auburn Post V.F.W.

The municipal golf course did a gross business in 1948 of $14,542.85. It has a total of 214 yearly members with 173 monthly members. About 5400 weekday rounds were played and over 3,160 weekend rounds.







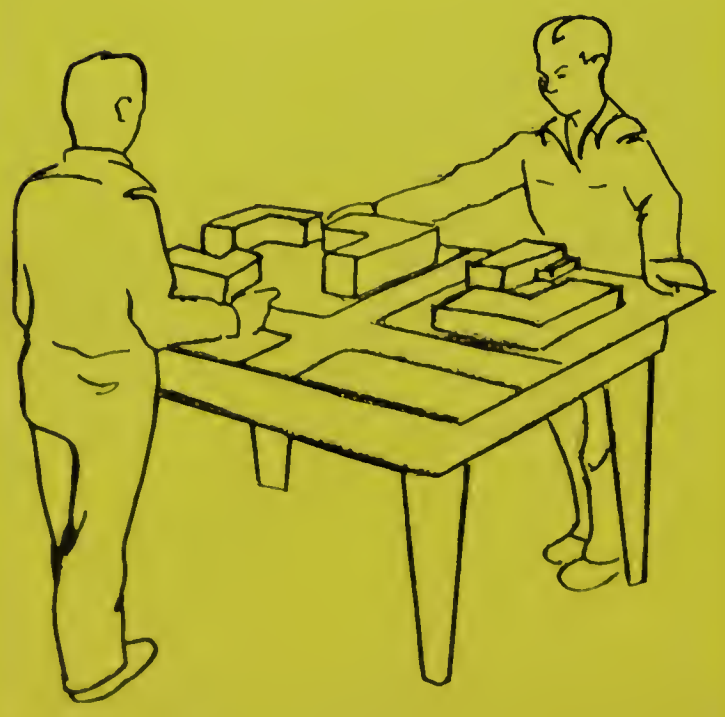


An unused vacant lot becomes a beehive of activity for neighborhood tots . . . An ice hockey rink on open land adjacent to the City Infirmary provides exciting outdoor sport . . . One of 11 tot lots developed in 1948 on vacant lots with swings, slides, sandboxes, spray pools, and jungle gyms.

Physical Maintenance & Development







PUBLIC WORKS DEPARTMENT

WILLIAM R. McMENIMEN, *Commissioner*

478 PERMANENT EMPLOYEES
11 TEMPORARY EMPLOYEES

APPROPRIATION: $1,633,905.35
RECEIPTS: 49,776.66

The Public Works Department has now completed two years in its present form. It is one of the largest, and most vital departments of our City Government. It is organized in ten divisions for greater working efficiency: Streets and Bridges, Cemetery, Sewers, Park and Forestry, Building Maintenance, Building Operation, Sanitary, Shops and Garages, Administrative and Snow.

The Sanitary Division, which includes Ash and Rubbish Collection, Household and Business Offal, and Incinerator, is the largest in terms of personnel and equipment: 184 men with 60 trucks, and 2 bull dozers.

The Streets and Bridges Division consists of Street Cleaning, Street Repairs, Signs and Traffic Painting, Bridges and Construction of Streets and Sidewalks. The Street Cleaning Department operates on a 24-hour basis, both mechanically and manually with 35 men and 24 pieces of equipment.

The Construction of Streets and Sidewalks Section, with a complement of 29 men and 12 pieces of equipment, did an excellent job of resurfacing 6.3 miles of our City streets with bituminous concrete, and at a cost substantially less than if it had been done by a private contractor. In addition, 12,800 square yards of pavement were laid on new recreation areas, the roadway to Jerry's Pit, a parking lot for the Rindge Ave. housing project, and areas around four fire houses. Direct betterment assessments were made on 3,500 feet of new concrete sidewalks and 40

In the carpentry shop all preparation for building maintenance takes place. Saws and hammers create a scene of great activity . . . Public Works crew with a specially designed truck marks all safety zones and cross walks at major intersections on our

driveways newly installed.

Thousands of bulbs and flowers were planted in municipal property and traffic circles by the Park and Forestry Division along with the regular maintenance job of all parks and public trees.

The Sewer Division, with its 18 men and 33 pieces of equipment, laid 2,140 feet of storm sewers and 1,200 feet of sanitary sewers, built 11 new manholes, and 16 new catch basins.

The 44 mechanics, welders, and body repair men in the Shops and Garages Division have their hands full repairing and servicing all the City-owned motor vehicles. The establishment of a complete Shops and Garages Division has saved the City untold thousands of dollars and kept all City-owned vehicles in better operating condition than was ever possible before.

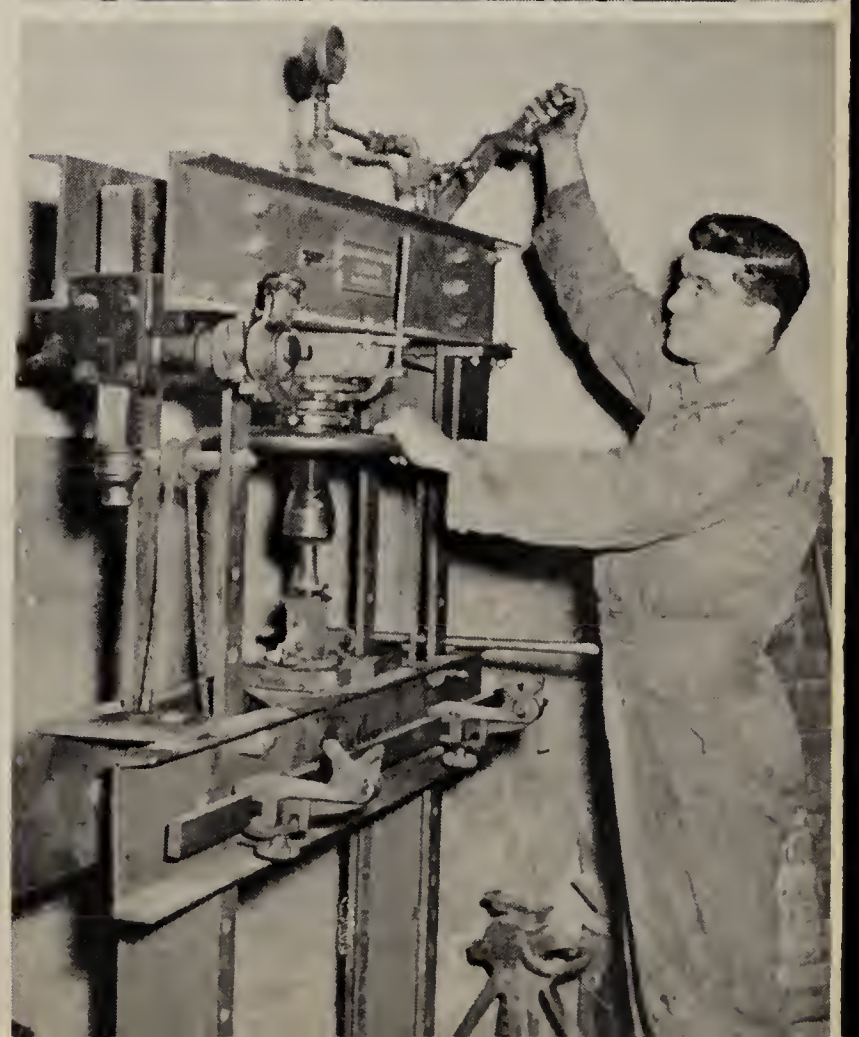
Under the program for the remodeling and rehabilitation of all City-owned buildings the Maintenance Crew of 40 painters, carpenters, plumbers, and steam fitters have been outstanding in their accomplishment of many improvements. Extensive alterations, additions, repairs, and considerable repainting has been done in 12 schools and other City buildings in addition to many emergency repairs.

The Snow Division operates only during and after snow storms. The Personnel is assigned from all divisions of the Department in sufficient force to cope with the need. Several of the heavier type vehicles a:e fitted with permanent frames to which snow plow blades can be attached in a few minutes. The Department also has special snow removal equipment in 29 plows and 12 other pieces of special equipment.









City streets . . . New towing and wrecking car purchased at small cost from War Assets Administration becomes a valuable addition to the enlarged Shops and Garages Division . . . A skilled mechanic operates pressure gauge testing machinery.

1948 brought several interesting developments. The Superintendent of Streets devised a method for laying bituminous concrete between street car tracks where the mechanical spreader cannot be used. Nine loads can now be laid in the same time it formerly took to spread two loads by hand. After many experiments a special mixture was found which provides greater strength and cohesion and eliminates hair-line cracking in concrete sidewalks. The warning to motorists of a life-size silhouette of two boys running painted on the streets at approaches to all areas where children congregate was designed in the paint shop.

With the formation in 1947 of a new Public Works Department numerous administrative changes were necessary. After several months' study, the basic payroll record was reduced to one form, eliminating four others and one record book. A more exact method of compiling labor costs and distributing supervisory work loads into the various divisions was also achieved.

The installation of a two-way intercommunication system connecting the administrative office, time office, garage stock room, carpenter and sign shops at the Hampshire Street Yards has contributed largely to increased working efficiency for the department.



ENGINEERING

EDGAR W. DAVIS, *City Engineer*

8 PERMANENT EMPLOYEES
1 TEMPORARY EMPLOYEE

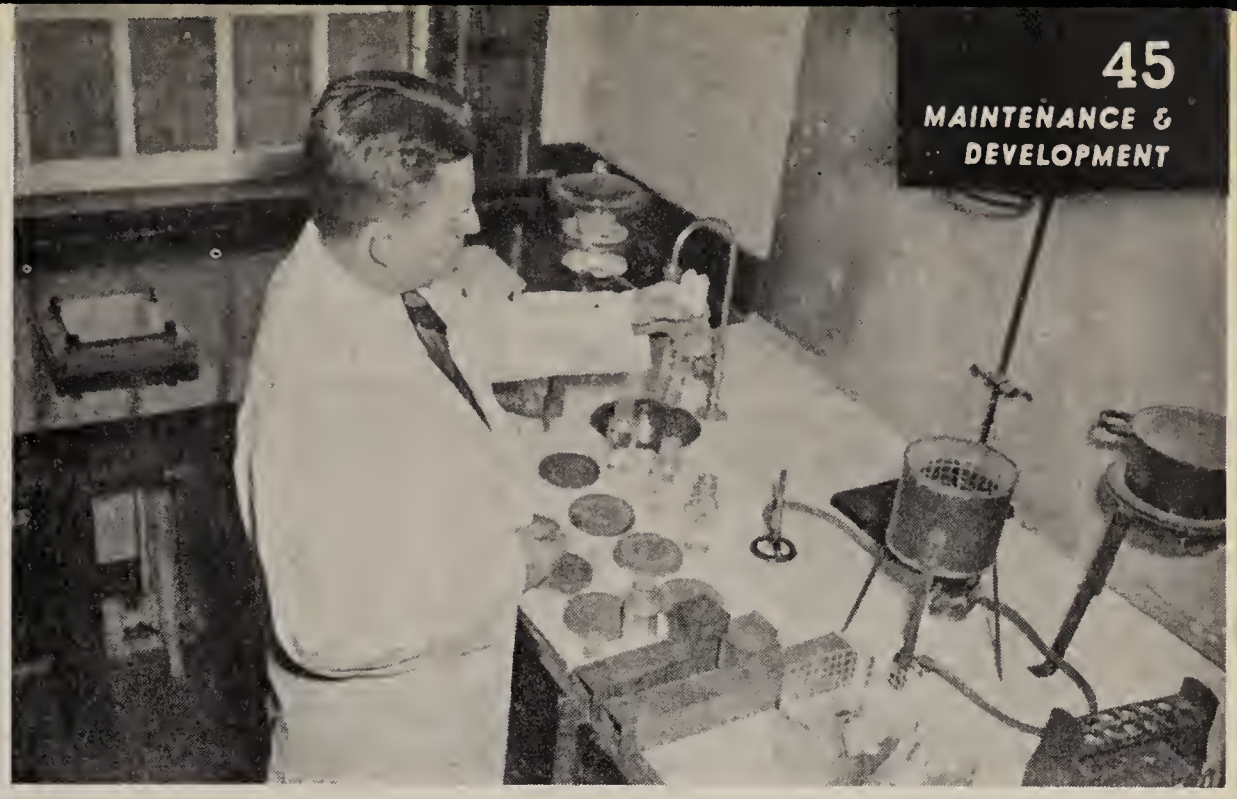
APPROPRIATION: $34,348.95

The Engineering Department cooperated with the Police, Fire, Recreation, Water and Public Works Departments, and both City and State Public Health Departments for improved swimming facilities at Jerry's Pit in West Cambridge.

The installation of parking meters, the construction of streets, sewers and play areas, and surveys and plans for proposed permanent veterans' housing sites were major activities for 1948. The Engineering Department works with the Highway, Sewer, Park and Forestry Divisions of the Public Works Department, and the Water and Law Departments in making surveys, preparing assessments, plans and profiles.

Copies of the corrected City map with street name changes voted by the City Council are now available.

City engineers survey property lines for new rights-of-way in the industrial development of West Cambridge.



A chemist in the Water Department makes the daily bacteriological test to assure safe water supply to Cambridge citizens. Each of four kinds of tests —bacteriological, alkaline, purity, and color — are made several times daily of our water in four different states — raw treated, filtered, and affluent.

WATER DEPARTMENT

WATER BOARD:
CLYDE O. RUGGLES, *President before Oct. 9*
HOWARD M. TURNER, *President after Oct. 9*
JOHN J. DOYLE
TIMOTHY W. GOOD
FRANK P. SCULLY

WILLIAM H. McGINNESS, *Acting General Superintendent*

115 PERMANENT EMPLOYEES
8 TEMPORARY EMPLOYEES

APPROPRIATION: $740,337.58
RECEIPTS: 729,929.36

Contrary to all estimates for the post-war years production in 1948 was the largest in the history of the Department. Total pumpage in the system was 6,076,332,821 gallons. Modernization, expansion and the influx of new industry has increased the demand for new services and supplies. This demand for main pipe extensions was greatly facilitated by the use of a new power trench-digging machine. This piece of equipment can be used as a crane, back filler, and excavator. It can dig a trench 11 feet deep and from 15 to 36 inches wide. It is fully hydraulic, pneumatically mounted, has a 24-foot telescopic boom, and assures prompt service to water users.

The improvement project for the filtration plant is almost completed. This included a new roof, asphalt tile flooring, and painting of walls and ceilings, and redesign of the laboratory with new equipment which has helped the chemist in his control and production of treated water. New power grass cutting equipment is largely responsible for keeping the reservations around the four reservoirs in excellent condition.

As the result of a thorough survey of the needs and demands of the system the Water Board has prepared a brochure for presentation to the City Council soon. The program will entail an expenditure of $1,500,000 and will include a request to join with the Metropolitan District Commission on a standby basis to insure an adequate water supply for all sections of the City in any emergency.

The distribution system is now comprised of 160.18 miles of main pipe lines servicing 14,426 accounts. The average cost of water to the owner of a single house for 1948 was $9.96 and to the owner of a two-family house $13.84. The cost of collecting, storing, and transmitting water for the year 1948 from the reservoirs in Lincoln and Waltham to Cambridge, treating, filtering and pumping to the distribution system was $37.65 per million gallons.

PLANNING BOARD

BOARD:
FREDERICK J. ADAMS, *Chairman*
EDGAR W. DAVIS
ALDRICH DURANT
JOHN F. FERRICK
J. W. GREER
JOSEPH GUINEY
JUSTIN R. HARTZOG

4 PERMANENT EMPLOYEES
2 TEMPORARY EMPLOYEES
APPROPRIATION: $15,338.00

The Planning Board worked on many matters vitally affecting the physical development of Cambridge, such as housing, recreation areas, zoning, traffic improvements and a site for a War Memorial. Many of the Board's studies are part of basic studies leading to a complete analysis and plan for future development of the City. Neighborhoods in the City are being studied as a basis for this development.

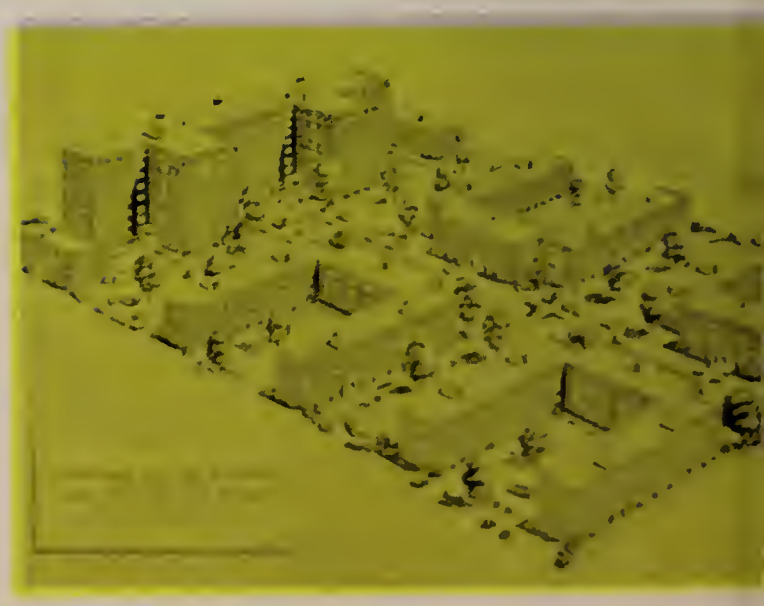
Technical studies to determine the need for a bus route to serve the industrial area in the eastern part of the City were made for the Traffic Committee of the Chamber of Commerce. Continued work was done on the selection of sites suitable for permanent veterans housing projects in collaboration with the Housing Authority. A program for the further development of recreation areas was worked out in cooperation with the Superintendent of Recreation and his Commission. Redesigns of existing areas and plans for newly constructed areas were made. An exhibit on phases of our City Government was made for a local theatre. Art work and other assistance was given to other city departments on publications and reports. Many calls for speakers on city planning were filled for business and educational groups.

The Board held six hearings on petitions to amend the Zoning Ordinance and made recommendations on specific cases to the Board of Appeal.





Above: ***An unsightly alley is transformed into a welcome play lot. The Planning Board's recreation survey was effective in starting a program for recreation development.***



CAMBRIDGE HOUSING AUTHORITY

ANGELO A. SCIARAPPA, *Chairman*
JOHN A. DALY
JOHN J. HAGERTY
CHARLES HAMILTON
RICHARD E. McLAUGHLIN

DANIEL F. BURNS, *Executive Director*

The Cambridge Housing Authority was the first in the entire State to start construction of a Veterans Housing Project under Chapter 200 of the 1948 State Housing Act. This Act, which authorizes housing authorities to borrow money for the erection of veterans housing developments, became operative in April, and in July ground was broken for the Magazine Street project. This development will provide sixty-nine additional apartments for veterans and their families. This is but one of five projects which have been allocated to the City of Cambridge under Chapter 200 for approximately 520 units.

The four additional projects that already have been filed with and received approval from the State Housing Board are:

1. Rindge Avenue, opposite Clifton Street — 109 units
2. Cambridge Street, between Windsor and Willow Streets — 228 units
3. Walden Street, between Raymond and Wood Streets — 68 units
4. Prospect and Harvard Streets — 42 units

The Authority will seek approval for another location to accommodate approximately 60 units.

With the anticipated passage in the 1949 Congress of Federal Legislation for Federally-aided low-rent housing projects, the Housing Authority will attempt to secure action on its application originally made in 1944 for a total of 1750 dwelling units. It is hoped there would also be opportunity in this new legislation for slum clearance and urban redevelopment that would enable neighborhood planning on a scale never before contemplated in Cambridge.

Architects' sketches for three of the 5 housing projects planned by the Cambridge Housing Authority under Chapter 200 of State legislative act. The housing shortage is well in hand in Cambridge with these 5 projects adding a total of 520 new apartments for veterans. The Housing Authority will apply for an additional 1,750 units originally requested in 1944 if Federal housing legislation is passed in 1949.





A FAVORABLE TAX RATE ATTRACTS NEW INDUSTRY



A decrease of $6.40 in the tax rate since 1941 is an added incentive for new industry to locate in Cambridge. Photos of new and enlarged plants shown here are typical of our City's industrial growth. In the past two years West Cambridge has developed into an important steel distributing center. A complete list of Cambridge industry would fill many pages.



INDUSTRIAL COMMISSION*

The Cambridge Industrial Commission was established by City Ordinance and authorized to promote the industrial development of the City, to disseminate information relative to the City's advantages and desirability for industrial and other commercial purposes, and its accessibility as a shipping center.

The West Cambridge area, now a center for steel distribution, proved to be the fastest growing industrial section in the Greater Boston area in 1948. Expected industrial development in 1949 should increase the City's assessed valuation to over **$200,000,000.**

*FRANK H. TOWNSEND, *Chairman*
PERCY A. BENNETT
CHARLES M. FOSGATE

APPROPRIATION: $250

BALANCE SHEET

December 31, 1948

REVENUE ACCOUNTS
CITY

Assets			*Liabilities and Reserves*	
Cash		$ 456,583.32	Appropriation balances	$1,088,225.15
Cash Discrepancy		266.43	State Assessments — overestimate	6,081.77
Petty Cash		460.00	Trust Funds Income	4,215.50
Accounts Receivable:			Grants and Gifts	12,917.48
Property Taxes:			Revenue Reserved for Appropriation	61,275.99
Current year	$376,759.06		Revenue Reserved until Collected	589,435.26
Prior years	314.23		Overlay Reserved for Abatement of Taxes	8,868.73
Poll Taxes:			Reserve for Petty Cash	460.00
Current year	11,702.00		Reserve for Cash Discrepancy	266.43
Prior years	5,338.00		Overpayments	771.52
Motor Vehicle Excise:			Overlay Surplus	70.20
Current year	26,987.44		Surplus Revenue	234,186.41
Prior years	1,193.36			
		422,294.09		
Assessments:				
Sewer	$ 5,479.86			
Sidewalk	7,724.97			
		13,204.83		
Tax Titles		32,329.64		
Tax Possessions		19,830.24		
Departmental		495,889.75		
County Tax — underestimate		20,282.69		
State Assessments — underestimates		35,806.88		
Overlay Deficits		9,826.57		
Loan Authorized		500,000.00		
		$2,006,774.44		$2,006,774.44

TEMPORARY ACCOUNTS

Cash	$ 56,925.87	Guarantee Deposits	$ 14,629.21
		Agency	42,296.66
	$ 56,925.87		$ 56,925.87

WATER DEPARTMENT

Cash	$ 883,223.42	Appropriation balances	$ 199,687.22
Accou. Receivable	49,732.67	Guarantee Deposits	779.00
		Revenue Reserved for Appropriation	682,757.20
		Revenue Reserved until Collected	49,732.67
	$ 932,956.09		$ 932,956.09

NON-REVENUE ACCOUNTS

Cash	$ 94,888.72	Appropriation balances	$ 87,023.53
Sidewalk Construction Revenue	1,772.24	Sewer Construction Revenue	9,637.43
Loans Authorized	1,500,000.00	Loans unissued	1,500,000.00
Cash — Federal Grants	22,087.50	Federal Grants for Construction Projects	22,087.50
	$1,618,748.46		$1,618,748.46

DEFERRED ACCOUNTS

Apportioned Sidewalk Assessments Not Due	$ 661.20	Apportioned Sidewalk Assessment Revenue due 1949	$ 133.40
		1950	117.62
		1951	99.06
		1952	67.19
		1953	50.99
		1954	50.99
		1955	50.99
		1956	45.48
		1957	45.48
	$ 661.20		$ 661.20

DEBT ACCOUNTS

GENERAL

Commissioners of Sinking Fund, outside	$ 79,000.00	Outstanding Loans, outside debt limit	$1,195,500.00
Net Funded, or Fixed, Debt, outside	1,116,500.00	Outstanding Loans, inside debt limit	952,500.00
Net Funded, or Fixed, Debt, inside	952,500.00	Sinking Fund Surplus	27,592.41
Commissioners of Sinking Funds	27,592.41		
	$2,175,592.41		$2,175,592.41

WATER

Net Funded, or Fixed, Debt	$ 214,000.00	Outstanding Loans	$. 214,000.00

TRUST AND INVESTMENT FUND

Trust Funds in custody of Treasurer	$ 392,337.24	Welfare Funds	$ 14,225.86
Trust Funds in custody of Trustees	21,000.00	School Funds	2,374.10
Investment Funds in custody of Treasurer	$1,487,058.57	Library Fund	45,576.49
Trust Fund (principal used by city)	10,000.00	Cemetery Perpetual Care Fund	330,160.79
		White Charity Fund	11,000.00
		Dowse Institute Fund	10,000.00
		Retirement Systems Fund	1,487,058.57
		Sanders Temperance Fund	10,000.00
	$1,910,395.81		$1,910,395.81

APPROPRIATION ACCOUNTS — 1948

MAINTENANCE AND OPERATION

Departments	Appropriations	Expenditures		Total Expenditures	Balances Forward To 1949	Balances to Surplus
		Salaries	Other			
City Council	$40,138.91	$36,691.25	$2,165.46	$38,856.71	$520.46	$761.74
Clerk of Committees	4,606.81	4,116.94	439.83	4,556.77	27.20	22.84
Mayor	21,788.35	9,524.20	5,852.33	15,376.53	6,054.94	356.88
Executive	67,623.80	28,763.18	4,954.60	33,717.78	30,178.48	3,727.54
Reconstructing Buildings	698,003.00	40,368.56	112,193.55	152,562.11	545,440.89	
Auditing	20,607.55	19,339.31	1,066.51	20,405.82	29.66	172.07
Budget	7,544.37	6,218.00	1,176.85	7,394.85	44.00	105.52
Treasury	79,337.73	58,560.08	16,127.72	74,687.80	2,120.83	2,529.10
Administration Sinking Fund	605.00	425.00	5.00	430.00		175.00
Assessing	42,853.19	30,657.35	11,204.61	41,861.96	702.75	288.48
License Commission	6,574.94	5,908.09	595.34	6,503.43	43.00	28.51
Pole and Conduit Commission	22.00		11.90	11.90	10.00	.10
City Clerk	28,482.79	23,179.44	4,411.44	27,590.88	721.47	170.44
City Messenger	31.94		3.05	3.05		28.89
Law	27,568.16	16,853.64	8,212.78	25,066.42	54.00	2,447.74
Election	47,434.36	36,995.22	7,858.43	44,853.65	704.00	1,876.71
Engineering	35,248.02	24,334.36	8,889.96	33,224.32	830.39	1,193.31
Inspection of Buildings	41,629.07	36,043.47	1,543.94	37,587.41	1,706.00	2,335.66
Police	743,335.01	671,097.72	58,358.68	729,456.40	10,310.42	3,568.19
Fire	811,253.11	717,683.04	85,441.26	803,124.30	3,962.30	4,166.51
Electrical	82,942.21	60,514.70	12,237.75	72,752.45	2,906.10	7,283.66
Street Lighting	121,786.00		121,783.54	121,783.54		2.46
Traffic Signals	6,516.90		5,613.00	5,613.00		903.90
Sealer	15,635.88	13,469.62	1,859.53	15,329.15	89.40	217.33
Health — General	113,839.74	77,650.66	25,221.00	102,871.66	7,746.96	3,221.12
Sanatarium	244,609.20	113,767.52	106,403.37	220,170.89	11,422.94	13,015.37
Laboratory	6,193.98	5,663.55	170.48	5,834.03	45.00	314.95
Dental Clinics	29,917.78	21,778.02	2,302.53	24,080.55	5,798.41	38.82
Inspection of Animals	2,000.00	2,000.00		2,000.00		
Public Works	1,567,180.49	1,123,806.89	400,001.54	1,523,808.43	26,048.20	17,323.86
City Hospital	1,122,789.32	622,160.12	450,538.64	1,072,698.76	43,644.96	6,445.60
Outside Aid	393,554.46	36,368.15	332,372.96	368,741.11	12,177.85	12,635.50
City Infirmary	125,136.89	44,304.44	67,707.72	112,012.16	10,769.66	2,355.07

Aid to Dependent Children:						
City	371,498.55	4,950.00	338,468.66	343,418.66	27,031.34	1,048.55
Federal Grants	122,936.05		114,730.29	114,730.29	8,205.76	
Old Age Assistance:						
City	845,160.68	20,522.79	773,887.76	794,410.55	46,547.90	4,202.23
Federal Grants	528,603.98		516,952.70	516,952.70	11,651.28	
City Physician	6,543.34	6,320.49	76.22	6,396.71	5.20	141.43
Veterans' Benefits	151,715.79	9,092.26	134,219.90	143,312.16	7,568.93	834.70
Veterans' Services	7,946.18	6,560.05	500.90	7,060.95	746.00	139.23
Pensions	542,839.79	300.00	488,679.00	488,979.00	44,454.99	9,405.80
School	2,679,096.09	2,183,155.87	372,317.26	2,555,473.13	112,972.95	10,650.01
Library	111,770.63	76,416.02	29,177.54	105,593.56	2,964.22	3,212.85
Playgrounds	362,290.37	138,570.08	159,876.71	298,446.79	59,032.37	4,811.21
Golf Course	15,438.40	11,880.26	3,234.99	15,115.25	58.95	264.20
Public Baths	2,742.15	1,679.90	922.80	2,602.70		139.45
Purchasing — Administration	24,572.86	19,054.30	4,929.31	23,983.61	367.45	221.80
Revolving Fund	16,393.37		7,965.00	7,965.00	8,428.37	
Contributory Retirement System	103,575.21		103,575.21	103,575.21		
Employment Bureau	3,005.00	2,916.94		2,916.94	25.00	63.06
Telephone Exchange	7,095.00	2,645.26	4,379.26	7,024.52	45.74	24.74
Planning Board	16,544.93	13,313.90	2,275.36	15,589.26	371.57	584.10
Board of Appeals	1,417.30	450.00	495.16	945.16	312.15	159.99
Custodian Foreclosed Property	1,309.00	1,000.00	207.74	1,207.74		101.26
Industrial Commission	250.00		208.76	208.76		41.24
Military — Rifle Range	1,263.55		1,263.55	1,263.55		
Celebrations: April 19	250.00		187.15	187.15		62.85
Music — Flag Day	160.00		160.00	160.00		
Firemen's Memorial Sunday	455.15		455.15	455.15		
Policemen's Memorial Sunday	300.00		300.00	300.00		
July 4	3,100.00		3,016.45	3,016.45	50.00	33.55
Labor Day	576.60		576.60	576.60		
Christmas	800.00		504.28	504.28	291.50	4.22
Memorial Day	7,803.00		7,650.49	7,650.49	132.00	20.51
Annual Documents	10,919.08		4,261.97	4,261.97	5,738.03	919.08
Damages	56,456.55		46,587.35	46,587.35		9,869.20
Veterans' Headquarters:						
V.F.W. #7352	482.43		482.43	482.43		
#3273	420.00		420.00	420.00		
#8818	840.00		840.00	840.00		
Amvets #33	900.00		900.00	900.00		
U.A.V. #30	100.00		100.00	100.00		
J.W.V.	1,085.00		1,085.00	1,085.00		
D.A.V. #16	701.45		450.00	450.00		251.45
Veterans' Training	12,212.00	11,826.37		11,826.37		385.63
Veterans' Housing	42,000.00		42,000.00	42,000.00		
Centennial Celebration	2,829.56		1,307.50	1,307.50	1,522.06	
Convention — State, City & Town Empl.	600.00		598.00	598.00		2.00

Departments	Appropriations	Expenditures: Salaries	Other	Total Expenditures	Balances Forward To 1949	Balances to Surplus
Reward—Harris Case	500.00				500.00	
Reward—Sommer Case	1,000.00				1,000.00	
Portrait—Gov. Hurley	1,500.00		1,500.00	1,500.00		
Fuel Adm., Revolving Fund	200.00		8.88	8.88	191.12	
Memorial, Glacken Field	70.00		70.00	70.00		
Lieut. Tubman	300.00		300.00	300.00		
Land for Dump	23,900.00				23,900.00	
Post War Reserve Fund	1,438.79					1,438.79
Maturing Debt	435,000.00		435,000.00	435,000.00		
Interest, General Debt.	64,839.00		64,745.60	64,745.60		93.40
Temporary Loans	10,571.11		10,571.11	10,571.11		
Salary Increases	3.86					3.86
	$13,163,112.76	$6,398,897.01	$5,539,147.34	$11,938,044.35	$1,088,225.15	$136,843.26

Appropriations:

Balances from 194	$ 687,860.48
Water Department Surplus	150,000.00
Tax Levy	10,907,136.14
Sinking Fund for Maturing Debt	87,000.00
Federal Grants: Old Age Assistance	525,581.84
Aid to Dependent Children	117,580.86
Available Funds	187,953.44
Loan	500,000.00
	$13,163,112.76

Expenditures:

Salaries	$ 6,398,897.01
Materials, Supplies and Equipment	1,757,942.24
Welfare, Old Age Assistance, Aid to Dependent Children	2,256,662.18
Street Lighting, Pensions, Veterans' Benefits, Telephone Exchange	773,773.17
Unclassified	240,453.04
Debt Service	510,316.71
	$11,938,044.35

WATER DEPARTMENT

Departments	Appropriations	Expenditures: Salaries	Other	Total Expenditures	Balances Forward To 1949	Balances to Surplus
General Maintenance	$587,982.54	$188,556.83	$205,902.87	$394,459.70	$171,069.75	$22,453.09
Pumping Maintenance	122,229.49	41,808.46	59,272.27	101,080.73	16,132.16	5,016.60
Reservoirs Maintenance	53,159.24	45,083.98	2,480.00	47,563.98	332.37	5,262.89
Filtration Maintenance	87,849.73	28,336.74	44,233.09	72,569.83	12,152.94	3,126.96
Maturing Debt	42,000.00		42,000.00	42,000.00		
Interest on Debt	9,201.25		9,201.25	9,201.25		
	$902,422.25	$303,786.01	$363,089.48	$666,875.49	$199,687.22	$35,859.54

Appropriations:

Balances from 1947	$281,180.94
Current Water Receipts	606,141.31
Water Surplus	15,100.00
	$902,422.25

Expenditures:

Salaries	$303,786.01
Materials, supplies and equipment	263,920.11
Pensions	47,968.12
Debt and Interest	51,201.25
	$666,875.49

OUTLAYS — PERMANENT IMPROVEMENTS

Departments	Appropriations	Expenditures: Salaries	Expenditures: Other	Total Expenditures	Balances Forward To 1949
Electrical — Underground Construction	$ 4.02				$ 4.02
Departmental Equipment — Street	20.71				20.71
Building Construction	1,989.66				1,989.66
Third Street Bridge Construction	2,171.71				2,171.71
Sewer Construction	56,730.22	$15,812.51	$ 21,721.61	$ 37,534.12	19,196.10
Street and Sidewalk Construction	201,881.47	38,810.08	99,430.06	138,240.14	63,641.33
	$262,797.79	$54,622.59	$121,151.67	$175,774.26	$87,023.53

Appropriations:

Balance from 1947	$109,727.77
Raised in Tax Levy	85,322.88
Available Funds	21,711.59
Chapter 90 Grants — State	32,470.42
County	13,565.13
	$262,797.79

Expenditures:

Salaries	$ 54,622.59
Materials and supplies	121,151.67
	$175,774.26

SUMMARY OF EXPENDITURES:

Salaries:			
City: Maintenance and Operation	$6,398,897.01		
Outlays	54,622.59		
		$6,453,519.60	
Water: Maintenance and Operation		303,786.01	
			$ 6,757,305.61
Materials, supplies and equipment:			
City: Maintenance and Operation	$1,757,942.24		
Outlays	121,151.67		
		$1,879,093.91	
Water: Maintenance and Operation		263,920.11	
			2,143,014.02
City: Welfare, Old Age Assistance, Aid to Dependent Children		$2,256,662.18	
Street Lighting, Pensions, Veterans' Benefits, Telephone Exchange		773,773.17	
Unclassified		240,453.04	
Debt and Interest		510,316.71	
			3,781,205.10
Water: Pensions		$ 47,968.12	
Debt and Interest		51,201.25	
			99,169.37
			$12,780,694.10

In Memoriam

NAME	DEPARTMENT SERVED	YEARS OF SERVICE	DATE OF DEATH (1948)
Bemis, Robert E.	*Health*	*22*	*Sept. 15*
Bolduc, Arthur J.	*Fire*	*14*	*May 7*
Coughlin, Dennis L.	*Public Works*	*20*	*March 5*
Cronin, Michael F.	*Police*	*23*	*Dec. 19*
Curtin, William A.	*Police*	*40*	*Oct. 27*
Fegan, Zita M.	*School*	*23*	*Dec. 2*
Grant, Jesse E.	*Electrical*	*18*	*March 16*
Kane, Louise M.	*School*	*34*	*June 22*
Kelleher, Dennis	*Public Works*	*11*	*Oct. 15*
McCarthy, Leo F.	*Fire*	*11*	*Jan. 13*
McCusker, James J.	*Public Works*	*10*	*March 4*
McQueeney, Catherine	*Hospital*	*7*	*Nov. 22*
Murphy, Joseph P.	*Health*	*20*	*April 27*
O'Connell, James E.	*Public Works*	*11*	*Aug. 9*
Quinn, John J.	*Public Works*	*22*	*May 19*
Smith, Mary J.	*School*	*32*	*July 24*
Smith, William E.	*Public Works*	*21*	*Oct. 25*

at your service

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AMBULANCE	TR-6-9800
FIRE	TR-6-0125
POLICE	TR-6-9800

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FISHING & HUNTING LICENSES	CITY CLERK	TR-6-6800
FUEL OIL STORAGE	FIRE DEPARTMENT	TR-6-0125
• GARBAGE COLLECTION	PUBLIC WORKS DEPARTMENT	TR-6-5642
GOLF COURSE	RECREATION COMMISSION	TR-6-6800
• HEALTH	HEALTH DEPARTMENT	TR-6-6800
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HOSPITAL	CAMBRIDGE CITY HOSPTAL	TR-6-7100
HOUSING	CAMBRIDGE HOUSING AUTHORITY	TR-6-3270
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• MAPS, OFFICIAL	CITY ENGINEER	TR-6-6800
MARRIAGE CERTIFICATES	CITY CLERK	TR-6-6800
MILK INSPECTION	HEALTH DEPARTMENT	TR-6-6800
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ORDINANCES, CITY	CITY CLERK	TR-6-6800
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PLANNING	PLANNING BOARD	TR-6-8621
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PLUMBING PERMITS	BUILDING DEPARTMENT	TR-6-6800
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• ZONING	INSPECTOR OF BUILDINGS	TR-6-6800